



Products and Services Catalogue





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At Road Runner TCA we understand the necessity for reliable data. We provide only the highest quality products and services

so that our customers can be assured that their projects have a sound foundation.

Since February 1982 Road Runner TCA has been supplying customers with traffic surveying equipment, and now with over 25 years in the business, we can still say that even though the company's products and services have changed and expanded greatly, we remain true to our original aims and values.



We always strive to provide our customers with the highest quality materials at the most competitive

prices. Our team of trained sales staff will always endeavour to make ordering smooth and problem free and a range of delivery services will allow you to order with confidence. Our commitment to these original aims is shown by our 1994 certification by NQA Ltd as an ISO 9000 registered company and our subsequent

achievement of the latest international standard ISO 9001:2000.

We only stock products that will help and enhance the work of traffic engineers and surveyors. To guarantee quality throughout our range of products, we make sure that wherever possible all are from ISO 9000 approved suppliers.

Road Runner TCA's progression into transportation data collection was based on the unique understanding of products and techniques which has been built up over the years of working closely with the traffic engineering community.

Success in the UK was followed by an international demand for our products and the company presently caters for the needs of traffic engineers and surveyors throughout Europe and the Rest of the World.

Road Runner TCA prides itself on the reputation which it has built up amongst its customers for quality and accuracy of service. We hope that if you are a customer we can continue to serve you well, and if you're not, that we can show how using Road Runner TCA can make a difference to your projects.





Traffic Surveys

Road Runner T.C.A. Ltd has over 25 years of public and private sector experience in the field of traffic data collection, and an unrivalled knowledge of the skills and techniques involved in installing automatic traffic counters. Our skilled fitting teams will ensure that whatever the type of location or installation required, you can be sure of sound reliable results delivered on schedule. Two further work bases were opened in the Midlands in 2004 to ensure the quickest reaction times to survey requests possible.

We have over four hundred automatic traffic counters in service from all major manufacturers, including Peek 5000 and 6000 series counters, Peek ADR1000 series, Golden River Marksman and Archer series, ISD Counters, MetroCount 5600 'Plus' counters and Road Runner TCA's own RR160 series. This range means the flexibility to collect data and output the results in your preferred format, saving you valuable time.

The variety of automatic surveys that we can undertake is constantly growing with advances in counter and software technology, so if you don't see the survey you require, or are unsure how best to instruct us about collecting a specific type of data, please ask one of our sales staff for advice as they will be pleased to help. It is our aim to make available the most cost effective and accurate data collection methods and utilise these methods to attain the highest levels of accuracy for our clients.

Result Formats

Survey result data and graphs are provided as standard on hard copy and as an Excel-compatible computer file. Results will normally be dispatched by email and recorded mail or 24-hour carrier. (All emailed files are virus checked by Road Runner TCA Ltd but we strongly recommend that you also run these checks before opening transmitted files).

Automatic Traffic Surveys

We manufacture and use only the latest installation accessories, ensuring the most accurate data possible from our traffic counters. Automatic surveys will usually be undertaken with temporary tubes, however loops may sometimes be used where conditions dictate. Available report formats include:

- Vehicle Volume
- Vehicle Speed Classification
- Vehicle Gap
- Vehicle Axle Classification
- Vehicle Headway
- Vehicle Length
- Speed / Axle Classifications
- Vehicle by Vehicle studies - all data on all vehicles

All available output combinations are too numerous to list – please contact us for specific requirements.

To ensure our client's piece of mind, and ensuring our competitive edge, our traffic counter installations are covered by our Quality Assurance system and a rigorous Health and Safety scheme. Installations will always adhere to the current Health and Safety and Road Works Acts, and appropriate levels of insurance are always in place.

Manual Traffic Surveys

- Turning movements
- Junctions counts/movements
- Vehicle speed surveys using hand held speed detection equipment
- Classified Junction turning movement surveys using hand tally counters and electronic movement loggers
- Traffic queuing studies
- Vehicle Occupancy Studies
- Intersection delay
- Journey time surveys
- Terminus/Station surveys
- Number plate surveys
- Transportation studies (journey times/route schedules)
- Parking studies
- Driver interviews
- Delay/Time to Clear studies





Video Surveys

For many applications where traffic conditions and behaviour have to be recorded, high resolution digital recording equipment now allows detailed analysis of a greater variety of vehicle and pedestrian information. Video surveys also allow accurate analysis of particularly busy junctions and roads where data from automatic tube and loop counters may be compromised by vehicles queuing, turning, accelerating etc.

Depending on the survey area and the type of survey required, cameras can either be tripod mounted (e.g. for number plate surveys or ATC verification) or mast/vehicle mounted (e.g. for classified turning movements or wider area coverage).

Video surveys bring the advantages of being more accurate than manually collected data, providing recorded evidence of the survey results, allowing analysis of other aspects of the survey area and providing data that can be verified for accuracy.

Results are available on hard copy and Excel-compatible disk copy, and VHS / DVD formats of surveys are also available to the client on request. As with all survey enquiries, we will

be happy to consult with you to provide the most accurate method for data collection to suit your particular needs.

Mobile video surveys can also be undertaken as part of Journey Time surveys, with time and date information logged on screen.



Pedestrian Movement Surveys

Road Runner TCA Ltd can also provide trained survey staff to undertake surveys on and around retail, commercial and public premises using a variety of manual and automatic equipment.

Whether you need to have figures for entrance or area usage, how your customers and potential customers move around your premises, where they come from and go to, or how they react to your promotions, we can help by discreetly and efficiently collecting your data for you. Processing data and delivery of results can be in a matter of days, allowing you to react swiftly and make marketing decisions which keep you ahead of the competition.

We will be pleased to advise you on the feasibility of different types of survey for your specific situation and help you to construct methods of data collection that will benefit your organisation.

Quotations

Road Runner TCA's management system and quality systems are fully documented and certified by National Quality Assurance Ltd (NQA) against the provisions BS EN ISO 9001 : 2000

Our equipment/staff resources and experience allow us a very speedy response to our clients needs with surveys often undertaken at very short notice and a swift return of results is guaranteed. Current ATC stocks of more than four hundred units give us the availability to carry out any requested survey specification.

All surveys can be tailor made to suit client needs - please call and discuss your specific requirements before asking us to quote.

You can have a choice of data output as hard copy, floppy disk, or E-mail copy. Survey data can be produced in a variety of formats depending on client requirements.

Requests for quotations will be given the utmost priority and we endeavour to produce quotations for clients within a two-hour time period to allow you to progress your own work as swiftly as possible. Requests for quotations can be submitted verbally, by fax, e-mail or by post.

We also offer a range of automatic traffic counters, speed radar detection equipment, video cameras, turning movement loggers and survey equipment for hire. See our hire schedule and rates opposite.



For more details of surveys and their costs please contact Road Runner TCA Ltd on **(020) 8882 2749** or by E-mail: sales@roadrunner-tca.co.uk

Hand Tally Counters



An ideal product for any type of survey where accuracy of data is vital. Allows enumerators to concentrate on logging data without the distraction of trying to remember numbers, especially over lengthy periods of time. A wide range of sizes is available to suit all possible survey specifications. Precision engineered, these fully mechanical counters need no batteries and are able to withstand even the roughest handling. Easily read digits are shown in black on a white background. Proven areas of use; All types of surveying and market research, local government projects, vehicle and pedestrian traffic surveys, industrial, scientific research, entertainment venues, sports grounds, transport studies etc.

Single Bank Hand Tallies

Palm sized counter upon which the digits are changed with the light pressure of a thumb or finger. Small enough to fit into any pocket and be carried easily. Supplied with desk stand and nylon carrying cord as standard. Maximum count 9999. Weighs less than 2 Oz. Finish: Black thermoplastic, white plunger and white reset switch. One year guarantee. Catalogue numbers: CA179, CA100, CA106

ABS Colour Tallies

Palm sized tally counters with a top mounted button. Maximum count '9999'. Round shape for comfort. Supplied with metal ring for secure grip when counting. White numbers on black background. Can be supplied with desk stand if required. Available colours: Yellow, Red, Blue, Green.

Chrome Tally

Chrome Finish. Palm sized tally counter with a top mounted button. Maximum count '9999'. Round shape for comfort. Supplied with metal ring for secure grip when counting. White numbers on black background. Can be supplied with desk stand if required.

Electronic Single Bank Tallies

Lightweight grey plastic finish with blue button on front of unit. Press the blue button and the LCD display will count up to a maximum of '9999'. Reset button on top of counter. E2 (total count) and E3 (add and subtract from running total) supplied with carrying strap. E4 'Sum or Difference' and E5 Multi-Bank tally also available.

Multiple Bank Tallies

Hand held mechanical counters with independently counting units (each with a maximum count of 9999), but with a shared reset handle. Sizes available: Two Bank, Three Bank, Four Bank, Five Bank and Six Bank, Eight Bank and Nine Bank.

Yellow multibank tally counters are fully repairable. ABS and chrome finish tally counters cannot be repaired. All come with a one year warranty on manufacturing faults.

Finish: Yellow plastic case with chromium-plated plunger. The flat surface on the front of the tally allows tape or stickers to be attached for marking. Desk stands available separately. Multiple tallies can be mounted on clipboards

The Eight and Nine Bank Hand Tallies

The eight bank hand tally counter from Road Runner TCA is ideal for manual classified traffic surveys as it allows you to count eight different types of vehicle (e.g. cars, cycles, motorcycles, taxis, buses, LGV, MGV and HGV) all at once.

Hand Tally Colours

Hand Tally Counters can now be purchased in a variety of highly visible colours which allow you to individualise your own stock to suit your company or department. Minimum order quantities apply.

Stand Sets (shown below) are available for multiple tallies from three bank to eight bank sizes. Easily attached, they will keep your tallies upright when being used on a desk or other surface. We can also use stands to mount hand tally counters onto clipboards.

Handle style changes.

We are now pleased to announce changes to the design of the reset handles on our hand tally counters. Handles now have a non-slip lug which rotates easily and smoothly back to the 'zero' position.



CA179



CA106



CA100



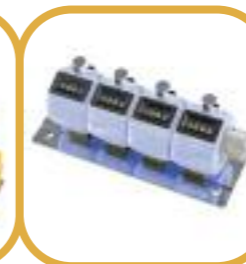
CA113 & CA116



CA107RG



CA184



CA109B



CA102



CA112YBY



CA350

Automatic Traffic Counters

Road Runner TCA offer a range of simple to use no-nonsense automatic traffic counters and classifiers designed to give a wide variety of traffic data.

Basic volumetric models provide total traffic volume figures for single or multiple lanes. These counters are ideal for maintenance free data collection, making low cost surveys a reality in both town centres and more remote areas.

Inputs are from rubber road tube, which feeds pulses of air through an internal air switch before the electrical signals are converted into axle readings. The ease of use of these counters mean that they have been successfully used throughout the UK in car parks, shopping centres, country parks, garages commercial premises etc, and they are pollution free.

We also offer a range of much more advanced traffic classifiers that are able to take inputs from either tubes or permanent / temporary loops. Advancements in software design mean that these counters can now offer hundreds of potential reports on speed, vehicle class, volume, gap, headway etc.

Designed to be as secure as possible from vandalism counters cases can be easily fastened by chain to any secure fixing such as a lamp column or sign post, or fitted into a free-standing cabinet. Once the counter is secured, none of the output interface details can be seen so that they remain inconspicuous and receive little attention from vandals.

Separate fitting kits of tube, nails, clamps etc. are also available for the counters and a range of fitting accessories and spares can be purchased individually. See this brochure and price-list for details. Full fitting instructions and manuals are included with each counter.



ATC Support

Road Runner TCA can also supply miscellaneous parts (data download cables, batteries, cases etc) for other makes of ATC as well as their own. Please give us a call detailing your requirements as we may be able to find what you're looking for at a very competitive price. All models and makes of counter are catered for. Forecourt alarms for announcing the presence of vehicles (e.g. customers at a garage or delivery vehicles at a loading area) are also available.

Data Modules

32K and 64K data modules to fit the PEEK 5000 series and 6000 series ATCs. These lightweight and durable plastic modules can be used time and time again without fear of loss of data. The smooth printed face of the module allows you to write on your survey details to prevent confusion once the module is ready to dump data through the Peek Serial Data Port using VISA software.

Fitting Kits

Single Channel ATC fitting kit comprises 9m 'O' section rubber road tube, one 'O' section end plate, four standard 'O' section road clamps, twenty-five Parker Kalon ribbed masonry nails, one brass vent plug and one hose clip.



Two channel kits are available on request. Security Fitting Kit comprises one 6ft length galvanised chain, one standard shackle Yale DC944 padlock and one roll Red/White barrier marking tape. All fitting kit items can be purchased separately from Road Runner TCA if replacements are required at any time. See catalogue and price-list for details.



CA155



CA261



CA151



Road Tube

Manufactured to the very highest quality standards, our road tube fits all major international makes of automatic traffic counters and their accessories. The tube bore is smooth and free from dust or any particles harmful to air switches. Natural rubber gives greater tube life and means that the tube regains its shape very rapidly after a wheel impact to give greater accuracy during surveying. 'D' tube is used in applications where 'O' tube will have difficulty staying in place due to gradient, braking/acceleration or speed.

'O' Section Road Tube

Supplied in rolls of 37m and 100m
ID: 1/4" OD: 1/2"
Natural rubber only
Elongation at break point: 300%
Tensile Strength (PSI): 2,000 minimum
Compatible with all makes of ATC
37m Roll: CA187
100m Drum: CA420

'D' Section Road Tube

Supplied in rolls of 30.0m/100ft
Base Width: 24mm x 14mm high
ID: 1/4"
Ribbed base for extra surface grip
Compatible with all makes of ATC
Catalogue number: CA188

CA187



CA188



CA420



'O' Section CA189
'D' Section CA192



'O' Section CA190
'D' Section CA193

Designed to hold rubber tube firmly in position on the road surface, the brass and treated three-ply canvas design gives strength and resilience when surveying. Tube damage is minimised as no contact is made with the metal part of the clamp. The brass body allows a secure non-slip grip for the fixing nails, making these clamps the surest way of keeping road tube fastened onto the road surface during surveying. Please specify your required nail hole size when ordering. As a rule, if you are using PK masonry nails you will require a 0.250" nail hole and if you are using Tower nails you will require a 0.140 nail hole. If you are unsure of your needs we will be happy to advise you.

Standard Road Clamp

Available in 'O' Section or 'D' Section fit
Brass body with 3-ply canvas hump
Available with .140" or .250" nail holes (depending on fixing nails being used).
Catalogue number: 'O' Section CA189
'D' Section CA192

Open End Road Clamp

Will open at one end and allow replacement or reattachment of the clamp without lifting the road tubes.
Available to fit both 'O' and 'D' section tube
Available with both .140" and .250" nail holes
Catalogue number: 'O' Section CA190
'D' Section CA193

Flat Strap Road Clamp

No brass underplate, for use in situations of light traffic flow or to reinforce end plates and lose clamps.
Brass and 3-ply Canvas
Available to fit both 'O' and 'D' section tube
Catalogue number:
'O' Section CA195
'D' Section CA268

Road Clamps

Flat Strap Loop Fixing

For fitting temporary inductive loops to the road surface - stops loop movement and mis-shaping.
Brass and 3-ply canvas
Size .250" nail holes only
Catalogue number: CA269

End Plate

Weather protected steel plate for the strongest possible hold to the road surface. Placed at the end of the road tube where tension is greatest. Three nail grip. Detachable bracket with non-slip washers to secure tube.
Catalogue number:
'O' Section: CA191
'D' Section: CA194



CA269



'O' Section: CA191
'D' Section: CA194

The following clamps will be suitable for applications with lighter/slower traffic flows, and for spacing tubes on the road surface. Please ask and we will be pleased to advise you of which clamps will be suitable for your applications.

'Figure of 8' Clamp

Made from woven stainless steel with a pre-formed nail loop for fastening with one nail. Can be moved to grip the end or middle of the road tube.
Catalogue number: CA328

'C' Clamp

Made from galvanised steel and placed at the end of the road tube. Anchored with only two nails.
Catalogue number: CA198

Chinese Finger

Woven stainless steel tube grip with single 5/8" nail hole. Can be used to maintain tube spacing when measuring speed, classifying etc or as an end plate in light traffic situations.
Catalogue number:
'O' Section: CA196
'D' Section: CA197

CA328



CA198



CA196
CA197



Bitu-thene is a polypropylene mesh embedded into a self-adhesive waterproof bitumen compound. Once cut into strips (clamp sized or larger) it can be laid over road tube to prevent it from moving during a survey, to keep tension in the tube, to prevent nails becoming loose or to prevent excess tube causing a hazard to pedestrians on footpaths. Bitu-thene will bond to the road surface in seconds and produce a firm grip for the entire length of your survey.

Bitu-thene Heavy Duty

Size: 19m x 1m roll
Total Thickness: 1.8mm
Catalogue number: CA228
A96 Adhesive Spray
For use with Bitu-thene in cold weather conditions. Simply spray the road surface before placing the strip down. 500ml can.
Can Size: 500ml
Catalogue number: CA230

Bitu-thene HD Strip

Size: 1m x 1m square
Total thickness: 1.8mm
Catalogue number: CA229
6" Bitu-thene HD Strip
Size: 1.0m x 0.15m
Total Thickness: 1.8mm
For making up temporary loops
Catalogue number: CA312

Bitu-thene HD Clamp

Size: 0.12m x 0.04m Strip
Total Thickness: 1.8mm
Ready cut to clamp size
Catalogue number: CA311

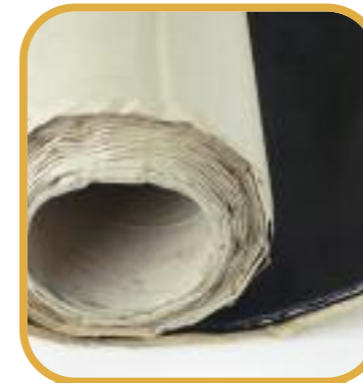
Black Adhesive Waterproof Cloth Tape

For repairing tubes and making temp. loops
Size: 20m x 50mm wide
Size: 50m x 100mm wide
50mm also available in white

Black Adhesive Cloth Insulating Tape

For repairing and securing tubes
Size: 20m x 20mm wide
Size: 20m x 25mm wide

CA228



Road Nails

Road Runner TCA supply a wide variety of road nails for their clamps to suit the individual's survey requirements. Different road types, levels of traffic and even weather conditions will affect the nails used and we have included nails to cover all eventualities. If you are unsure of your needs please ask us for advice before buying. Please note when ordering: Parker Kalon nails and Hilti HPS screw & plugs, your clamps will require 0.25" nail holes. Tower nails and Hilti NK nails will require 0.14" nail holes.



Parker Kalon Ribbed Masonry Nails

Steel masonry nails with a ribbed shaft to ensure a very strong and secure grip. Zinc plated for corrosion resistance. Use with road clamps with 0.250" nail holes. 6/16" Diameter - Length 1.25" 1/4" Diameter - Lengths 1.5", 2.0" & 2.5"



Tower Road Nails

A smooth shafted masonry nail. Austempered high carbon steel with an outer zinc plating for corrosion resistance. Use with road clamps with 0.140" nail holes. 0.144" Diameter with available lengths: 40, 50, 60, 80, 90 & 100mm.

Hilti Products

A range of products from one of the world's leading fastener manufacturers. Although we don't stock the entire Hilti range of products, we can have any item within two working days so please ask us to quote if you don't see the item you require in this catalogue.

Hilti NK Nails

For use with Hilti nail guns - fired into the road surface for quick attachment. A smooth shank fastener with built in washer. Use with all sizes of clamp nail holes 3mm high head, 3.7mm Shank: 42, 47, 54, 62mm Lengths

Hilti HPS Screw & Plug

Galvanised steel screw and high grade plastic anchor for a permanent hold. Requires a hole to be drilled into the road surface. Sizes: 6mm diameter/25mm anchor length 8mm diameter/30mm anchor grip

Hilti TE6A Power Drill

Battery powered rotary hammer drill. Drills anchor holes in even the toughest surface. Supplied with BP40 24V battery. All chargers, chucks and accessories available. A very useful tool for pre drilling holes where fired nails are not strong enough. Use TE-CX Drill Bits.

Hilti Cartridges

For use with the DX series of nail guns when firing NK nails into the road surface. Size: RED Medium/High BLACK High The DX450 nail gun is also available to hire. See hire schedule for details.

Hilti Masonry Drill Bits

4 cutting edge, solid carbide head drills for smoother operation and less drilling time. Compatible with TE5A power drill 6mm TE-CX 6/22 8mm TE-CX 8/22 Other sizes available on request.



NK



HPS



CA214



CA276

Accessories

More quality accessories to make your ATC installations run smoothly. Items and their specifications can change, so if a product in our price-list does not appear in our catalogue, please contact our sales team who will be pleased to keep you up to date with our range of equipment and any advancements which may be occurring.

Brass Vent Plug/Brass Plug

To keep harmful materials out of the end of road tubes during surveys and to prevent double counting from air pulse travel. Use with both 'O' and 'D' tube. Use of plug types depends on make of traffic counter and type of survey undertaken. Catalogue number: CA218
Catalogue number: CA219

Brass Tube Connectors

Designed to fit both 'O' and 'D' section road tube. Used with tape to join broken or cut tube together quickly and avoid the cost of replacing the whole length of tube. Catalogue number: CA220

Hose Clip

A secure way to hold tube ends to automatic traffic counter nozzles. Prevents tube from being blown off the ATC nozzle or from being pulled off the counter nozzles by vandals. To fit 'O' tube only. Catalogue number: CA221

Washers/Survey Washers

Washers to fit both 0.250" and 0.144" diameter road nails for use when fixing clamps onto the road surface. (small nail hole) - 23mm washer CA216
(large nail hole) - 31mm washer CA217

CA218



CA219



CA220



CA221



23mm washer CA216
31mm washer CA217

Security and Safety Products

With vandalism and theft an ever present problem when installing ATC equipment, Road Runner TCA offer a range of products to help keep your data recorders and installations safe from harm.

Barrier/Warning Tapes

Bright colourful long life polythene tapes to warn pedestrians and motorists of the presence of an A.T.C or site. Easily fitted and very durable these tapes give great protection even at night. Catalogue no: Red/White CA232
Fluorescent Orange CA231

Galvanised Chain

Tough 6-gauge steel chain. Galvanised against the elements to prevent corrosion and prolong life. Available in any length - please specify when ordering. Catalogue number: CA222

Standard/Long Shackle Padlocks

Quality Yale padlocks for securely chaining A.T.C. equipment. Long shackle padlocks for locking lids on all major makes of ATC. Two key numbers available on both padlock sizes (DC944 & DC801). Catalogue number: Standard shackle CA223
Long shackle CA224

Tube Protector

This hardened rubber profile will fit snugly over your ATC tubes and provide protection from damage by pavement traffic. It will also reduce the trip hazard risk to pedestrians. Available in 9m lengths and in 'open' or 'closed' top versions.

CA222



Standard shackle CA223
Long shackle CA224



CA324



CA315

Safety and Marking Products

A range of marking products to help highlight ATC fixing points on all external site surfaces and to warn pedestrians and vehicles of the presence of tube, loops and ATCs.

Trig-a-Cap/Power Paint

An ideal product for marking all kinds of surfaces. Guaranteed for ten years not to clog and to empty completely. Available with or without marker handle and pistol handle. Can size: 379ml or 425ml
Catalogue number:
Regular colours (yellow/white) CA234

Road marking paint

Rectangular blocks for use marking asphalt, concrete, stone, pavements and road surfaces. Very hard wearing and economical. Catalogue number: CA236
Hexagonal pointed timber crayons mark timber, cold metals, concrete and asphalt. Strong colours.
Catalogue number: CA237

One Piece Moulded Road Cone

Made from extremely durable and highly visible microground polythene, these square based cones give easy, efficient handling and storage. Sand weighted with excellent ballast retention.
Made to BS EN873. Choice of sleeves.
Sizes: 18"/450mm and 30"/750mm

Portable Road Signs

An all weather galvanised collapsible steel tripod. Stabilizer bars lock the tripod into an open position for easy movement. 750mm Sign faces are totally flexible and of Class 2 reflectivity. Supplementary plates are available to enhance each sign face.
See price-list for full range of signs and options.



CA234



CA236



CA253



Batteries and Chargers

Our range of sealed lead acid batteries are leak proof and maintenance free, efficient and reliable. Yuasa, Technocell and Powersonic are recognised as the worlds leading battery manufacturers and their products will guarantee your ATC equipment all the power it needs. Quality checks on battery age and shelf life ensure that only the freshest batteries are shipped to our customers. All batteries are supplied with standard 4.75mm connection lugs to fit all makes of ATC. Longer 6.35mm lugs are available on request.

Yuasa/Technocell/Powersonic

6V 10ah/6V 12ah Batteries
Compatible with PEEK 5000 and 6000, PEEK ADR, Golden River Marksman etc.
Catalogue Number CA241

12V 2.3ah Batteries

Replacement battery for the TSS K15 speed radar gun. Available on it's own or inside a leather case as a complete power pack.
Catalogue numbers:
Battery: CA242
Power Pack: CA156

6v and 12V Battery Chargers

Compatible with all of the above.
Plug in units approx. 6" x 5" x 3" in size.
Catalogue number: 6V CA243
12V CA244

5-way output 6V Chargers

Deigned to allow the charging of multiple batteries at the same time for those with larger stocks of ATCs.
Catalogue number: CA340

MetroCount Battery

Replacement Battery for the MetroCount 5600 ATC
Catalogue Number CA329

Road Runner T.C.A. Ltd also stock a range of smaller batteries for site equipment such as torches and smaller traffic counters such as the RR160 model. e.g. R20 (HP2 1.5V), HP992 (6V), 12V 6ah, chargers for ADR series (8-way output). Battery condition indicators and voltage indicators are also available. Please see our price-list for details.



Distance Measurers



CA343

Distance Measurers

These top quality record-as-you-walk measurers from Trumeter are an indispensable tool for surveyors, designers, local authority engineers and architects alike. Their precision engineering means that you can rely on accurate data time and time again and all products carry a two year warranty.

Road Measurer 5000

The Trumeter Road Measurer comprises a precision measuring wheel which drives a mechanical counting head. The robust measuring wheel has a special oil resistant tyre and is produced to an exact size to give a constant degree of precision. It is fitted with a fold-away stand so that it can be "parked" during use. The handle can be folded after use so that the measurer can be stored in its own carrying bag. Total weight 202 Kg. Total height 990mm with handle extended. Maximum count 99999.9. Metric or Imperial versions available.

Car Distance Measurer

A two wheeled, pneumatic tyred measurer, which can be attached to the towing ball on any vehicle. The counters have 8mm high digits and are set in a free standing case. The display unit has manual push buttons to reset to zero and the Measurer can be towed at speeds up to 65KPH (40MPH). The Car Distance Measurer is an ideal product for measuring larger distances very accurately.

Also available: Rails track measurer (metres/Yards/Feet), Senior distance measurer for accuracy over shorter distances, Land measurer for use over difficult ground conditions, Mini measurer lightweight telescopic and can fit into attaché case.



CA247



CA321

Speed Detection Equipment

Hand held radar and laser speed detection equipment for use in the highway engineering sector for traffic data collection, or by police forces for speed limit enforcement purposes. Light in weight, easily operated by a single user and with a new range of features, these machines provide an effective and extremely efficient way to collect traffic speed information. All units come complete and ready to use and are very competitively priced.

Laser 500

Gives leading edge laser technology in a simple and comfortable to operate package. A "lock" lamp engages to help with target acquisition. An LCD on the back of the unit shows speed and range of target and the units operating status. Menu driven, the unit will allow the set up on internal parameters such as location and operator codes, time/date, speed limit, audio and memory functions. The Portable Autovision system based on the Laser 500 is also available.

PROLASER II / III

A laser based range of equipment allows pinpointing of specific vehicles in heavy traffic. Straightforward operation and ease of training. "Head-up Display" allows speed to be read while tracking a target vehicle. A maximum operational range of over 2000 feet. Compact hand held one-piece construction. System includes laser, power pack and charger, tripod & mounting bracket, manual and carrying case.



CA152

Falcon Radar

A high accuracy K-Band hand held radar. Lightweight, balanced design for ease of use and reduction of operator fatigue. Internal calibration and display tests. Available in MPH, KPH, Knots and m/s. Can connect to optional giant display.

The falcon is available in two versions: the standard model using an external 12V power supply, and the cordless unit which has an internal Ni-Cad battery pack (and can use an external supply when required).

Accessories

A range of accessories for the above equipment is available including rechargeable batteries and battery packs, battery chargers, windscreen mounting brackets, tuning forks, tripods, speed repeater boards and connection cables. Also available is a range of accessories for discontinued units such as the K15. See price-list for a full range of options.





Road Runner TCA offer a range of HyViz lightweight waistcoats, jackets and anoraks incorporates 3M Scotchlite(tm) reflective fabric and is hard wearing, washable and colourfast. These garments are ideal for working on motorways, dual carriageways etc, in poor weather and ambient light conditions. The range conforms to BS EN471 and where applicable garments carry the CE mark to indicate their conformance. Please ask for advice if you are unsure of your safety requirements.

Reflective Clothing

Polyester Jacket (Class 3) Apex. G

100% polyester knitted fabric. Velcro fastening with black binding around garment. 3M Scotchlite(tm) 50mm bands: 1 x body band, 2 x braces, 2 x sleeve bands. Conforms to BS EN471 Available in sizes: M, L, XL, XXL, XXXL

Polyester Waistcoat (Class 2) Apex. G+

100%polyester knitted fabric. Velcro fastening with black binding around garment. 3M Scotchlite(tm) 50mm bands: 2 x body bands, 2 x braces. Conforms to BS EN471 Available in sizes: M, L, XL, XXL, XXXL

Polyester Waistcoat (Class 2) Apex. G

100% polyester knitted fabric. Velcro fastening with black binding around garment. 3M Scotchlite(tm) 50mm bands: 1 x body band, 2 x braces. Conforms to BS EN471 Available in sizes: M, L, XL, XXL, XXXL



Anorak (Class 3) Apex. G+

Fully taped waterproof seams. Two way heavyweight zip with flapover. Concealed hood in collar. 6oz quilted lining. Two external pockets. 3M Scotchlite(tm) 50mm bands: 2 x body, 2 x braces, 2 x sleeve bands. BS EN471 compatible. Available in sizes: S, M, L, XL, XXL, XXXL

P.U. Coated Polyester Overtrousers

Elasticated waist, fully taped waterproof seams, two slit pockets. 3M Scotchlite(tm) 50mm bands: 2 x leg bands Compatible with BS EN471 Sizes available: S, M, L, XL Note: Screen printed and reflective logos can be supplied as required for all clothing. Prices and delivery times can be given on application.

Magnetic Car Beacon

Magnetic based beacon which has been wind tunnel tested to speeds in excess of 200 mph. Quartz halogen rotating beacon. Twist off lens allows replacement bulb to be fitted if necessary. Beacon has a 2.6m coiled lead which fits into a standard vehicle lighter socket. Cat. no. CA 294 Replacement 6V bulbs are also available: CA308

Magnetic Surveying Signs

Magnetic backed yellow background/black text car signs for survey vehicles working on roads. Highway Maintenance: CA293 Caution Surveying: CA292



CA294



CA293
CA292

Pedestrian Counters



A range of counters which use active infra-red sensor technology to produce accurate footfall and pedestrian movement information. PCS counters are an ideal cost effective way of collecting data in doorways, passageways and interior spaces. Battery packs allow outdoor use. The PCS range of counters has been widely used in the retail, library, tourism, leisure and development sectors. Systems are supplied ready to use and can be installed in minutes.



CA161

Overhead Counters, Data Collection Services and other options

A variety of different counters are available to cater for most data collection applications. A full range of accessories are also available for our pedestrian counting systems - everything from new cable and connections for remote LCD stations, to extra reflective surfaces and vandal-proof/weather-proof housings.

For a full colour catalogue on our range of pedestrian counting systems please contact our sales office who will be happy to send you one by first class post.

Combined Direction & Single Direction Counters

Operational range <7m or <18m
 Power supply AC or DC 24v to 240v
 Fast reset response time: 30m/se
 Low power consumption 1.6va or less
 7mm high LCD read-out
 Maximum period count: 9999999
 Manual reset safety lock and keys
 LHS or RHS fittings
 Portable units can be moved between locations
 incoming/outgoing figures only

Bi-Directional Counters

Operational range <7m or <18m
 Power supply AC or DC 24v to 240v
 Fast reset response time: 30m/se
 Low power consumption 1.6va or less
 7mm high LCD read-out
 Maximum period count: 9999999
 Manual reset safety lock and keys
 LHS or RHS fittings
 Unit housings 190 x 110 x 60mm
 Both incoming and outgoing figures

Pressure Mat Counters

Designed to be put in doorways or spaces underneath mats or carpets to provide combined footfall data for total pedestrian use.
 Battery operated
 Heavy Duty PVC mat
 7mm High LCD with battery back-up
 maximum count 9999999
 100% active mat
 Unit housing 15 x 8 x 5mm
 Count reset by key holder

Overhead Counter Options

Infra red sensors which can be mounted above an entrance or doorway. These sensors do not need reflectors allowing you to place them above the pedestrians you want to count, allowing you to collect footfall data where there is only limited space to fix sensors or limited power access. Remote readouts allow figures to be collected from a position which is secure and convenient for the user.

Protective Boxes

Steel protective boxes will give protection from even the most determined vandal. These hinged boxes simply clamp over the

PCS counter and padlock shut. Available for PCS3, PCS3a, PCS4 and PCS4a Waterproof protective boxes are available on request as are ground based boxes for securing on to footpaths and surfaces.

Remote-Read Counters

LCS displays can be removed from the transmitter box and placed in a remote display box away from the count site in another room if required. Multiple displays can be mounted displaying various count locations.

Fitting and Location

PCS counters are supplied in either Left or Right Hand Side models and in either a Flat or Side fitting to accommodate most location requirements Please see the fitting instructions on our website to assist your choice when ordering.



CA149



CA162



CA400



CA129

Hire Services



	Cost per day	Cost per week	Cost per month
A.T.C.s			
RR160	-	£20.00	£70.00
Peek 5000 series	-	£40.00	£100.00
Peek ADR1000	-	£40.00	£120.00
Extra Data Modules 32k & 64k	-	£15.00	£40.00
Metro Count 5600 Plus 1MB	-	£40.00	£120.00
Metro Count 5600 Plus 2MB	-	£45.00	£120.00
Speed Detection Equipment			
K15 Speed Radar Gun	£50.00	£85.00	£225.00
UK15DL Speed Radar Gun	£60.00	£95.00	£250.00
(+ Download capability)			
Falcon Speed Radar Gun	£60.00	£95.00	£250.00
Misc.			
Trumeter Measuring Wheel	£10.00	£15.00	£40.00
Trumeter Car Distance Measurer	£50.00	£85.00	-
Sound Level Meter	-	£15.00	-
Hilti DX460 Nail Gun	£10.00	£25.00	£80.00
Reflective Jackets BSEN471 Apex. G+	-	£3.50	-
Repair Services			
Hand Tally Counters - all sizes	Turnaround time two days approx.	£14.00	case extra
Trumeter Measuring Wheel	two days approx.	£ P. O. A	-
K15 & UK15 Speed Radar Guns	two wks approx.	£ P. O. A	-
Road Runner RR160 A.T.C.	two days approx.	£ P. O. A	-
PEEK/Golden River A.T.C.	two wks approx.	£ P. O. A	-

Conditions of Hire

Equipment will be offered for the hire periods shown in the list above. Any extension to these periods and the changes in cost will be considered on application. Hire stock is constantly in use so early reservation of hire items is recommend to avoid disappointment. Overnight carriage to the customers premises will be charged and equipment dispatched for an agreed delivery date. The customer may arrange collection themselves on agreement with Road Runner TCA Ltd (prior to the hire term commencing). It is the responsibility of the customer to ensure the prompt and safe return of hired equipment to Road Runner TCA staff at their offices at the end of the hire term. Any loss or damage caused to the hire equipment, either on site or during transit will be chargeable in full to the customer. Road Runner TCA therefore advise the customer to insure all hired equipment at full market cost and to cover themselves for third party risks during the hire term. Due to the fragile nature of some of the electronic hire equipment, sufficient and sturdy packaging will be expected to protect this equipment during transit. All associated accessories such as tube, clamps and nails are compatible with all makes of Automatic Traffic Counters and are available ex stock from Road Runner TCA. Such items are purchased and not hired. Prices quoted are in Pounds Sterling (GBP) and are liable to change by Road Runner TCA without prior notice.

Road Runner TCA offers an extensive range of Automatic Traffic Counters and survey equipment for hire.

The Peek 5000 Series ATC

Type: Tow Channel Tube ATC
Weight: 5Kg
Operating Software: VISA
Download Options: Direct/Module
Output Formats: Excel File/Print
Capabilities: Bi-Directional Vol /Speed/Class
Number Available: 40
Supplied with: Chain/Padlocks/Module

The Peek ADR 1000 Series ATC

Type: Two Channel Tube ATC
Weight: 6Kg
Operating Software: Visa/Visa 2000
Download Options: Direct Connect
Output Formats: Excel File/Print
Capabilities: Bi-Directional Vol/Speed/Class
Number Available: 40
Supplied with: Chain/Padlocks

The Metrocount 5600 1Mb/2Mb ATC

Type: Two Channel Tube ATC
Weight: 3Kg
Operating Software: MC Traffic Exec.
Download Options: Direct/Hand Held
Output Formats: Excel/Print
Capabilities: Vehicle by Vehicle
Number Available: 195
Supplied with: Chain/Padlocks

The FALCON Speed Gun

Type: Radar Speed Detector
Weight: 3Kg
Download Options: Manual Read
Number Available: 10
Supplied with: Case/Battery/Charger/Tuner
Other models available DLII, Laser 500.





Installation Tools

A selection of tools to make the job of ATC installation and surveys quicker and easier. All products are used by the Road Runner TCA survey engineers when undertaking a site installation so if you are unsure of what you need please call us and we will be happy to advise you. If you have a special requirement for tools please let us know as we have access to a range of manufacturers and may be able to find a specific product for you.



Protective eyewear	Grade 1 impact goggles for use with Hilti products and when nailing clamps
2.5/4lb Club hammer	Gives the power you need when nailing into the road surface
Hand cleaner	Easily cleans road dirt and Bitu-thene from skin
Crow bar	For the removal of clamps and nails from the road surface
Knee Pads	Protects the knee joint from hard and cold surfaces
Screwdriver	Large size for easy movement of end plates screws/ATC covers
Stanley knife	Cuts easily through road tube and Bitu-thene during installation
Protective gloves	Lets you install ATC sites in cold and wet weather
DX450 Nail gun	Quick firing of Hilti nails into the road surface
TE6A Battery Powered drill	Drills easily through all types of road surface including concrete
TE-CX Masonry drill bits	For use with the above drill
Spare keys for Yale padlocks	DC944 & DC801
Fibron measuring tape 30m	For the measurement of larger distances during surveying
Steel measuring tape 5m	Allows accurate detail when marking ATC sites etc
Trig-a-Cap Marker Handle	An extended holder for spray paint
Trig-a-Cap Marker Pistol	Hand held for spraying at arms length

How to order

By Telephone: Please call our sales staff on **(020) 8882 2749** or **(020) 8882 2975**
Normal office hours are Mon – Fri 8:30am – 5:00pm

By Fax: Available 24 hours a day on **(020) 8886 6936**

By Email: Orders should be sent to **sales@roadrunner-tca.co.uk**

By Post: Correspondence should be sent to **Road Runner TCA Ltd**
50 Chelmsford Road
Southgate
London N14 5PT
England



On the Web: Orders may also be placed at **www.roadrunner-tca.co.uk**

Payment:

Payment is accepted in Pounds Sterling (GBP) and can be made by either cheque, bank transfer or credit card.

Terms and Conditions

Full terms and conditions of sale are available by post or fax on request. Terms are also printed on the reverse of our sales invoice, and at our website.

Delivery of Goods

All carriage is charged at cost. Orders received by 1pm on any work day can be dispatched the same day if goods are in stock. Our standard delivery service is by 24 hour carrier and A.M. and timed deliveries are also available. Export orders will be dispatched by Parcelforce Worldwide, however customers may specify their own carrier or arrange collection by their own means if required. Same day couriers can be used where time allows. Goods may be collected from our offices by prior arrangement.

We are happy to accept:





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Traffic Engineering Products

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