The Mk7 TCL has been specially designed for the demanding conditions that exist in many of today’s tunnels, mines and drifts. The unit emits a bright red beam of light which is focussed over a long distance to give a quick and accurate reference to ensure the excavation of straight tunnels and roadways. By using one of the many mounting systems available the laser can be quickly installed and surveyed to achieve the required direction then simply left for the excavation team to follow the beam – ensuring perfect tunnel alignment 24 hours a day! The unit is available in two types for working over short or long distances.

Today’s economical solution – Tunnel and roadway alignment – Mk7

Instant straight line reference for:
- Conveyors, track, lifts – accurate installation – accurate installation saves wear and tear therefore costs.
- Longwalls – improves head and tailgate alignment increasing equipment efficiency.
- Continuous miners, roadheaders – provides constant reference – less excavation - cost reduction.
- Development ends, drifts, tunnels – better accuracy, less excavation – smaller amount of material to remove.
- Extending survey pegs – can cut survey time by 50% when used by unskilled labour to extend reference spads.
SPECIFICATION

Laser
: 635nm

Power Output
: Class 2 or 3A - 1mW - 5mW (please specify when ordering)

Range
: Type S approx 250m
: Type L approx 500m (depending on atmospheric conditions)

Power supply
: Type S - 4.5v - 3 No "C" cell batteries
: Type L - 12VDC either battery or transformer

Temperature range
: -10 to 40 degrees C

Warranty
: 12 months parts and labour

Special Models
: Intrinsically safe version for gassy environments

Mountings available to suit many excavation methods

Drill & Blast
TBM
Roadheader
Jumbo Drill

2020/2 Spad Hooks
(shown with Mk7 S)

2020/22 XY Mount

2020/10 X-Y mount

2020/1 Fine X-Y with
2030/9/1 Tribrach & Adaptor

2020/1 Fine X-Y with
2030/21 Fixing Plate

2020/9 Plinth c/w,
2020/5 tube mount

For More Details of mounting systems please contact your local dealer

Manufacturer:
Bramall Laser Systems (IOM) Ltd.
Strand Road, Port Erin, Isle of Man,
British Isles. IM9 6HE

Int Tel: 44 1624 834931
Int Fax: 44 1624 835462
e-mail: sales@blls.mcb.net

Dealer:
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P.O. Box 484
KEWANEE, ILLINOIS 61443
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FAX (309) 854-5206