



DG200 Dual Grade laser built for those tough, big jobs



Horizontal, single and dual grade capability



Machine control

*Shock proof
2 displays
Large grade range
Built in battery
10 year life
Auto/manual/levelling
Service friendly
Aluminium housing*



***TRIAX DG200
RUGGED DUAL GRADE LASER***

DG200 Rugged Dual Grade Laser

Target customers

The Triax DG200 is targeting customers that require a high quality, long life and easy to use allround laser, in particular harsh environment users. The DG200 responds to these customer groups by its toughness, reliability, simplicity, practicality, serviceability and last but not least price.

Built to last

The Triax DG200 is designed for reliability and long life. A shock proof, spring suspended mechanism is mounted in a rugged aluminium casing. The DG200 is designed for a minimum life of 10 years, as opposed to most competitor instruments. Every unit is individually shock tested. The electronics and the built in battery solution is shared with the Triax PL100 Pipe Laser, which means thousands of instrument years of field use previous to the DG200. No exchangeable battery packs mean less breakage and theft

Features

- 2 displays, one behind each grade direction, for self explanatory operation.
- Large X grade range -5% to +20% by using the integrated tilt foot. No need for accessories.
- Built in battery. 60 hours of operation on a 7 hour charge. Charge once a week.
- Optional emergency power cable.
- Rotation speed 0-900 rpm.
- Easy Y-axis mirroring enabling both cambers in one setup.
- User activated TILT function.
- Auto/manual levelling.
- Key lock.
- Optional remote control.
- Optional code lock for theft protection.
- Optional service interval warnings for customer QA assistance.

Service friendly

- The unit is fully operational with the top housing removed.
- The entire mechanism is mounted on a removable base plate for easy access.
- Software download, calibration and configuration from PC.
- Same interface box and operation as the Triax PL100 PC interface.
- Many shared parts with the Triax PL100, eg CPU board, vials, motors, optics. This means lower inventory.
- Optional service interval warnings.
- Same software platform as the Triax PL100. Common functions, common user interface and principles

Specifications:

Lasersource:	Visible diode, 635 NM, Class 3R
Range:	ø1km
Accuracy at 0% grade:	+/- 5mm per 100m
Grade range, X direction:	-5% to +20%
Grade range, Y direction:	-7% TO +7%
Self levelling range:	+/-11 %
Rotation Speed:	Selectable from 0 to 75, 150, 300, 600, 900, 1200 RPM
Operating temperature range:	-20 to +50 C°
Battery:	Built in Nicd , 5,7 AH, 12V
Charging time:	7 hours
Operating time per charge:	60 HRS
Display:	2 custom LCD Displays, backlight
Sealing:	Waterproof, nitrogen purged



TRG-R50 Receiver
Included in the
DG200 package

The TRIAX range of laser products are co-developed, marketed and supported by SOKKIA (EUROPE) B.V. SOKKIA's line-up of surveying instruments includes everything from Global Positioning Systems (GPS), electronic total stations and distance meters, to electronic and optical theodolites, levels and laser products. Whether you're involved in construction, building a highway, bridge or tunnel, or charting a nationwide map, SOKKIA surveying instruments and systems always provide the best solution.

TRIA XTM

**INNOVATIVE LASERS
SOKKIA EXPERTISE**

SOKKIA (EUROPE) B.V., European head office, P.O. Box 1292, 1300 BG Almere, The Netherlands, Tel.: +31 (0)36-53.22.880, Fax: +31 (0)36-53.26.241 • **SOKKIA LTD.**, Datum House, Electra Way, Crewe Business Park, Crewe, Cheshire, CW1 6ZT, United Kingdom, Phone +44 (0)1270-25.05.11 Fax +44 (0)1270 -25.05.33 • **SOKKIA CORPORATION (Canada)**, 1050 Stacey Court, Mississauga, Ontario, L4W 2X8, Canada, Tel.: +1 905-238-5810, Fax: +1 905-238-9383 • **SOKKIA PTY LTD.**, Rydalmere Metro Centre, Unit 29, 38-46 South St., Rydalmere NSW 2116, Australia, Tel.: +61(0)2 9638-2400, Fax: +61 (0)2 9638-2200 • **SOKKIA LATIN AMERICA**, 2232 North West 82nd Avenue, Miami, Florida 33122, U.S.A., Tel.: +1-305-599-4701, Fax: +1-305-599-4703 • **SOKKIA CORPORATION**, 16900 West 118th Terrace, Olathe, Kansas 66061, U.S.A, Tel.: +1-913-492-4900, Fax: +1-913-492-0188