



WORKS WITH

READY TO RUN

flexDAQ
DATALOGGERS

pre-assembled
pre-wired
pre-tested
pre-programmed

Close-up of a Laser Distance Meter mounted on top of a tripod with accompanying RST flexDAQ Data Logger System.



A portable Laser Distance Meter installed in the field with attached survey reflector to enable survey tie-in of the instrument.

	PRODUCT CATEGORY:
	EXTENSOMETERS

Laser Distance Meter

The Laser Distance Meter is a portable device designed to measure distances from the device to a remote target point located up to 500 meters away. This instrument is ideally suited to the precise monitoring of unstable slopes and remote locations.

The instrument consists of a portable precision laser distance meter which is mounted on either a stable structure or an anchored tripod base. A single target point is mounted up to 500 meters distance, to which the laser is aimed for distance measurements. The distance measurements between the two points are recorded by a connected data logger unit at programmed intervals. The data logger can be modified to include a radio modem which can be remotely accessed for realtime alarm and display.

Mounting tripod and target points are provided separately, as required. For larger sites, targets and lasers can share the same tripod to extend the range without limit.

> APPLICATIONS

Where continuous remote monitoring of landslides and slope movement is required.

> FEATURES

Precision laser targeting up to 500 m.	Portable and durable construction.
Designed for quick, on-site assembly.	Programmable data logger for data collection.

> BENEFITS

- ✓ **High Accuracy**
- ✓ **Increase Safety**

SPECIFICATIONS

ITEM	SPECIFICATION
Minimum Measurement Length	1.5 m
Maximum Measurement Range	500 m
Measurement Resolution	0.1 mm
Repeatability	0.3 mm
Absolute Accuracy at Max. Range	1 mm
Weight of Reading Unit	10 kg
Temperature Range	-10° to +50°C
Optional -50° to +50°C range available upon request.	



ORDERING

Please contact RST for details.



Available for
**CUSTOM
OPTIONS**

Contact RST for Details