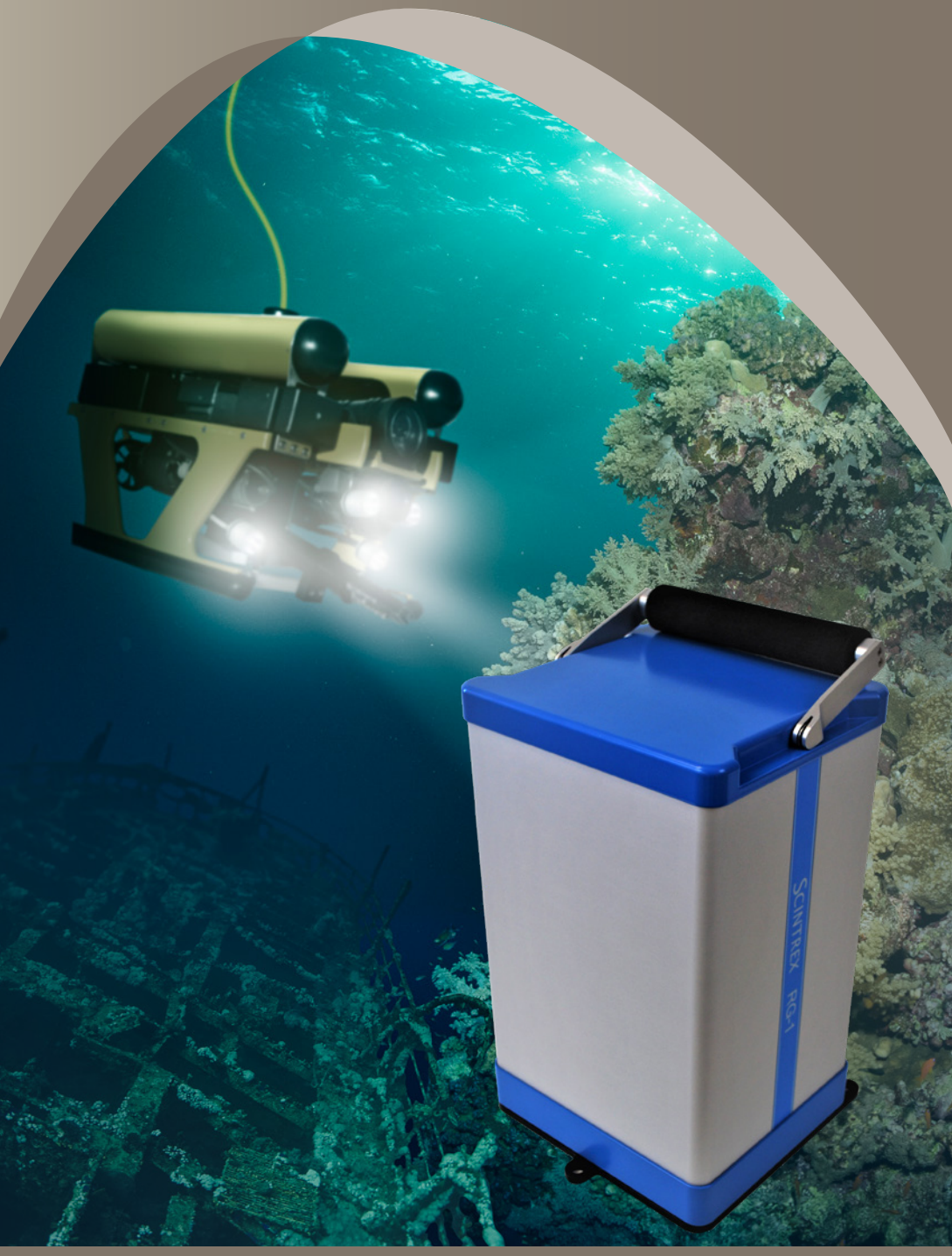
RG-1

REMOTE OPERATING GRAVITY METER



SYSTEM CERTIFICATION
ISO 9001
SGS

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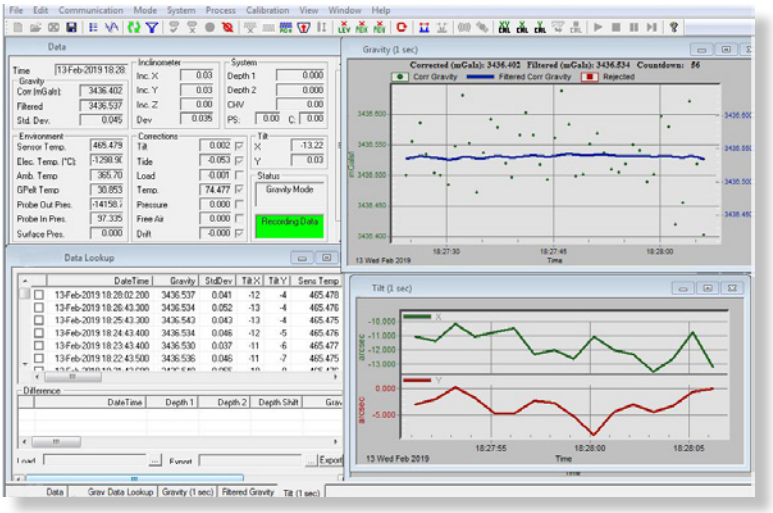
The Scintrex RG-1 Remote Operating Gravity Meter is designed to be incorporated into autonomous underwater or terrain vehicles for the purpose of acquiring micro gravity data remotely. The RG-1 is easy to integrate into an existing AUV / ROV, requires low power and includes a standard serial port for control and data output. The RG-1 includes a back up battery and attachable GPS for positioning information.

SELF-LEVELING, REMOTE-OPERATING METER

REMOTE GRAVITY SOFTWARE

Laptop computer with Remote Gravity Software installed. Remote Gravity Software is easy to use and to control the RG-1.



Self levelling/remote operating gravity meter suitable for use underwater in a pressure vessel or on land in applications which require remote and/or automated operation for static gravity measurements.

Contact us for more information by phone: +1-905-669-2280
or by email: scintrex@scintrexltd.com

SPECIFICATIONS

SENSOR TYPE	Fused quartz
SELF-LEVELING RANGE	+/- 45 degrees
READING RESOLUTION	1 microGal
STANDARD DEVIATION	< 5 microGal
OPERATING RANGE WORLDWIDE	8000 mGal
RESIDUAL DRIFT	< 50 microGal/day
UNCOMPENSATED DRIFT	< 0.5 mGal/day
POWER CONSUMPTION	5 W at 20°C (68°F) ambient temp.
OPERATING TEMPERATURE RANGE	-40°C to + 50°C (-40°F to +122°F)
DIMENSIONS	21cm x 18cm x 33cm [H] (8¼" x 7¼" x 13" [H])
WEIGHT	7.4 kg (16 lb)
EXTERNAL CONNECTIONS:	1 serial data interface; 1 power supply - 15V DC
USER INTERFACE	Computer with Remote Gravity Software installed for operation and data acquisition

All specifications subject to change without notice. Part number: 910711 REV 1

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