

# RG-1

## REMOTE OPERATING GRAVITY METER



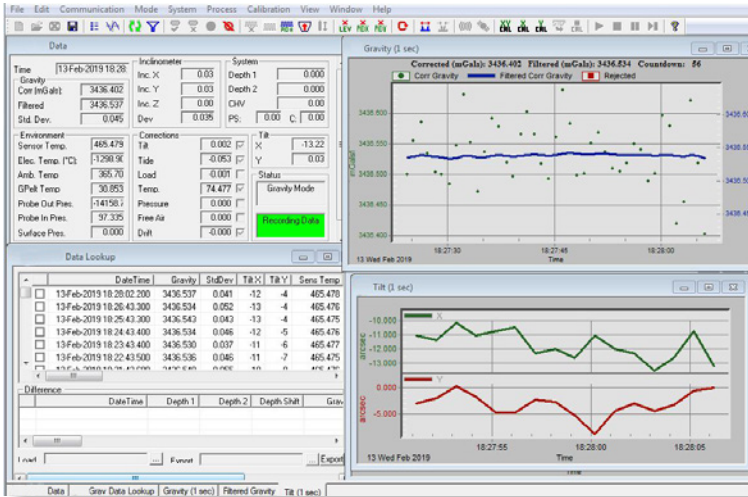
The Scintrex RG-1 Remote Operating Gravity Meter is a self levelling portable gravity meter designed to take static gravity readings remotely on a stable base positioned on the solid surface of the earth, on land or on the seafloor. It is designed to be incorporated into autonomous underwater or terrain vehicles for transportation to and from reading sites. 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  
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# SPECIFICATIONS

<b>SENSOR TYPE</b>	Fused quartz
<b>SELF-LEVELING RANGE</b>	+/- 45 degrees
<b>READING RESOLUTION</b>	1 microGal
<b>STANDARD DEVIATION</b>	< 5 microGal
<b>OPERATING RANGE WORLDWIDE</b>	7000 mGal
<b>RESIDUAL DRIFT</b>	< 50 microGal/day
<b>UNCOMPENSATED DRIFT</b>	< 0.5 mGal/day
<b>POWER CONSUMPTION</b>	5 W at 20°C (68°F) ambient temp.
<b>OPERATING TEMPERATURE RANGE</b>	-40°C to + 50°C (-40°F to +122°F)
<b>DIMENSIONS</b>	21cm x 18cm x 33cm [H] (8¼" x 7¼" x 13" [H])
<b>WEIGHT</b>	7.4 kg (16 lb)
<b>EXTERNAL CONNECTIONS:</b>	1 serial data interface; 1 power supply - 15V DC
<b>USER INTERFACE</b>	Computer with Remote Gravity Software installed for operation and data acquisition

All specifications subject to change without notice. Part number: 910711 REV 3



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