



LaCoste & Romberg LLC

The first name in gravity since 1939

ALIOD 100 Electronic Feedback

GETTING THE MOST FROM THE BEST SENSOR

LaCoste & Romberg, manufacturer of high precision gravity meters since 1939, is proud to introduce a new level of accuracy, precision and reliability with the new Aliod 100 linear electronic feedback system. This new feedback system is now available with new gravity meters and as an upgrade to your existing meters.*

The Aliod 100 incorporates a new user-friendly LCD interface. No longer is there any need for a complicated lookup table as this new system displays the gravity directly in mGal on the LCD display. Meter temperature as well as battery voltage are displayed also. The new Aliod 100 feedback system has a range of 100 mGal with a resolution of either 0.01 or 0.001 mGal.** The greater range of the Aliod 100 also means good data is no longer dependent on the skill of the operator. Anyone who can level and unclamp the gravity meter is able to obtain constant and accurate gravity data.

The Aliod 100 includes a Data Acquisition system using 24 bit converters for gravity and the levels, and 12 bit converters for the meter temperature and battery voltage. The Aliod 100 outputs a stream of ASCII data, which can be recorded by the included Palm™ handheld. All of the information displayed on the integrated LCD, plus station name, date, time and electronic levels are also displayed and recorded by the Palm handheld. Data stored on the Palm handheld can be uploaded to a PC in spreadsheet format.

The Aliod 100 includes our standard 1 year warranty



System Specifications


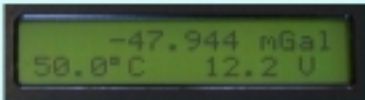
Principle :	Linear electrostatic feedback
Range:	100 mGal
Data Resolution:	0.01 (0.001 mGal for Aliod 100x**)
Repeatability:	0.01 to 0.02 mGal
Linearity:	Better than 0.01% Full Scale
Electronic Drift:	<0.001 mGal /1000 hr.
Temp. Range:	0 to +45C
Integrated LCD:	2x20 character LCD with backlight
Output:	RS-232, External Port
Data Logging:	Palm™ handheld
Power Consumption:	12 Volts@0.190 Amp/2.3 Watts
Input:	10-15 VDC

* Electronic Levels required

** Export License may be required

Specifications subject to change.

Palm is a trademark of Palm, Inc.

- ◆ New user-friendly interface
- ◆ Data logging w/Palm™ handheld
- ◆ Displays gravity directly in mGal
- ◆ Range of 100 mGal
- ◆ Data Resolution of 0.01 or 0.001 mGal**

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