



Wireless communication with CRT (sold separately)



- Serial as well as Infrared data transfer to PC or Cellcorder for consolidation of test data
- The DMA-35 with data logging interface stores up to eight strings of readings (256 readings per string) of specific gravity and acid temperature and downloads formatted data to a Cellcorder or a PC for use with the Alber Battery Analysis Software.
- Measure and record SGU/Temp in **less than 5 seconds**.
- One hand operation - physical dimensions, **5.5" x 5.4" x 1"** and weight of only **13 ounces**.
- Automatically compensates the specific gravity for fluid temperature.
- Splash proof membrane keypad.
- If required, all moving parts are field replaceable by the user in **5 seconds**.
- Can be used on all manufacturers "wet" cells through corner withdrawal tubes or vent caps.

Technical Specifications

Measuring range	Density: 0 to 3 g/cm ³ Temperature: 0 to 40°C Viscosity: 0 to 1000 mPa·s
Accuracy	Density:** 0.001 g/cm ³ Temperature: 0.2°C
Repeatability	Density: 0.0005 g/cm ³ Temperature: 0.1°C
Resolution	Density: 0.0001 g/cm ³ Temperature: 0.1°C
Operating temperature*	-10 to +50°C
Supported measuring units	Density, Density at reference temperature, Specific Gravity (SG), Alcohol % v/v, Alcohol % w/w, Alcohol US (°Proof), API Gravity, API SG, API Density, °Baumé, H ₂ SO ₄ % w/w, H ₂ SO ₄ at 20°C, °Brix, Extract (°Plato), five programmable custom functions
Data memory	1024 measurement results. (See bulleted item above for details.)
Power supply	Two 1.5V LR06 AA alkaline batteries
Sample volume	2 mL
Dimensions	140 x 138 x 27 mm (5.5 x 5.4 x 1.0 inches)
Weight	368 g (13 ounces)
Interfaces	IrDA OBEX, RFID (DMA 35 Tag and Log only)
Protection class	IP54
Computer interface	Half duplex RS-232C
PC downloading software	Alber Battery Analysis Software (BAS)

*Sample must not freeze within the measuring cell. **Viscosity < 100 mPa·s, density < 2 g/cm³