



SCOTIA INSTRUMENTATION

the prime source
of instrumentation
technology



SPB
Scotia Precision Barometer

SPB

Scotia Precision Barometer



Equipment supplied as standard: SPB, collapsible charger plug and cable, USB transfer cable, stylus pen, quick-guide card and barb adapter. All fitted within the custom protective case.



The Scotia Precision Barometer has been designed to provide outstanding accuracy in a lightweight convenient package for laboratory and field applications.

The barometer is operated via the touchscreen application. Aviation datum offset functions are available and can be determined with user defined inputs according to location.

- Pressure range: 700 – 1300 mbara
- Accuracy: $\pm 0.015\%$ FS (± 0.09 mbara)
 - -40 to +85 degC compensated temperature range
 - ± 50 ppm FS per annum
 - resolution: 0.01 mbara
- 5" Full colour touchscreen display
 - live sensor readings
 - real-time graph function
- Multiple unit options including mbar, hPa, mmHG, inHg, psi, etc
- Logging function: 1 recording per second
- Avionics parameters calculated and displayed including QNH, QFE, QFF, and MSL Altitude
- Leak test function
- Data retrieval via Bluetooth download or USB memory stick
- Rechargeable battery life: 15 hours approx.
 - UN38.3 rated battery is certified for transport by air
 - Full charge 8 hours; top-up charge 4 hours
- Pressure connector accepts 6mm OD / 4mm ID tubing (1/4" OD / 5/32" ID)
- Weight: 1.7kg approx
- Dimensions: 220 x 167 x 90mm approx



SCOTIA
INSTRUMENTATION



DS-SPB - 018

Head Office:

Campus 1, Aberdeen Science & Technology Park
Balgownie Road, Bridge of Don, Aberdeen, AB22 8GT
Tel: +44 (0)1224 222888 | Fax: +44 (0)1224 826299

Also at:

New York Industrial Estate, North Shields, Tyne & Wear, NE27 0QF
Tel: +44 (0)191 296 3444 | Fax: +44 (0)191 296 3555

sale@scotia-instrumentation.com
hire@scotia-instrumentation.com
scotia-instrumentation.com