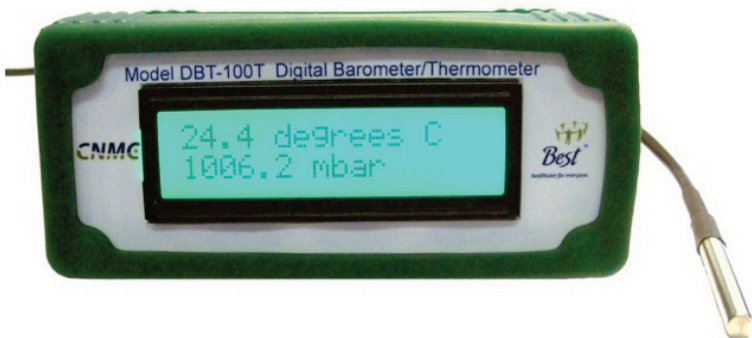


Precision Digital Barometer and Thermometer Models DBT-100 and DBT-100T

The Model DBT-100 is a portable digital barometer and thermometer combination the size of a handheld calculator. Featuring a digital display and high measurement accuracy, the DBT-100 is an ideal portable barometer and thermometer combination. Atmospheric pressure can be displayed in mmHg or mbar and ambient temperature in °C with 0.1 degree resolution. The DBT-100 operates on two 9 Volt alkaline batteries for 100 hours. A Model DBT-100T, a DBT-100 enclosed in a sturdy metal enclosure for bench-top use, is also available.

Features

- ▶ Employs the latest in pressure and temperature sensor technology
- ▶ Wide range: 300 mbar to 1100 mbar ± 0.5 mbar accuracy, $\pm 0.2^\circ$ C accuracy
- ▶ Lightweight, rugged, handheld design
- ▶ Waterproof temperature probe, 2 meters in length



Specifications

Display	16 x 2 LCD, 0.2" high segments
Selectable units	mmHg, mbar
Range, Resolution	600 – 790 mmHg, 0.1 mmHg, 800 – 1050 mbar, 0.1 mbar 0 – 70° C, 0.1° C
Accuracy	± 0.5 mbar, includes non-linearity, hysteresis, and repeatability $\pm 0.2^\circ$ C, includes non-linearity
Altitude range	Infinite
Operating range	-9 to 49° C
Power	Two 9 Volt alkaline cells (DBT-100 only) Optional 9 Volt wall adapter (Included with DBT-100T)
Battery life	100 hours (DBT-100 only)
Dimensions	DBT-100: 20.3 x 11.7 x 5.3 cm (L, W, H) 8.0 x 4.6 x 2.1 in Weight: 0.5 kg, 1.1 lbs DBT-100T: 9.1 x 11.4 x 5.1 cm (L, W, H) 3.6 x 4.5 x 2.0 in Weight: 0.5 kg, 1.1 lbs