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, +/-0.2° 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
- Accuracy: ±0.5 mbar, includes non-linearity, hysteresis, and repeatability
- ±0.2° 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)
  - Weight: 0.5 kg, 1.1 lbs