Our MesaCal MicroBath can be used anywhere for any type of DataTrace sensor. The MesaCal 8000 weighs less than 10.16 kg (22.4 lb). It’s lighter and smaller than most dry-wells, has a spill-proof lid, and is easy to transport. You can take it where you need to go without carts or excessive effort, even with the fluid in it.

Wherever you go with your MicroBath, you can count on its performance.

MesaCal 8000 MicroBath is stable to ± 0.03 °C or better, depending on the fluid you use. Uniformity is ± 0.02 °C or better for low uncertainties using a reference thermometer. Display accuracy has been improved to ± 0.25 °C for quick calibrations without a reference thermometer. In short, you get the stability and precision of a liquid bath in a drywell-sized package.

See reverse side for product specifications.

Related Item:
Accurate and repeatable to 0.05 °C over its full range, the Mesa 801 Reference Thermometer is the gold standard of industrial temperature calibration.

- Stainless steel probe
- Digital readout
- Calibrated as a system
- 90° rotating backlit LCD display
- User-configurable stability indicator

Visit our website for more information!

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to United States law prohibited.
Product Specifications

Range:  -20 °C to 150 °C (−4 °F to 302 °F)

Accuracy:  ± 0.25 °C

Stability:
± 0.03 °C at −25 °C (oil 5010)
± 0.05 °C at 125 °C (oil 5010)

Uniformity:  ± 0.02 °C

Resolution:  0.01 °C/°F

Operating Temperature:  5 °C to 45 °C

Heating Time:  25 °C to 100 °C: 35 minutes

Cooling Time:  25 °C to −25 °C: 45 minutes

Well Size:  64 mm dia. x 140 mm deep (2.5 x 5.5 in)
(working area is 48 mm [1.9 in] in diameter)

Size:  (WxHxD) 23 x 34 x 26 cm (9 x 13.2 x 10.5 in)

Weight:  11.16 kg (24.6 lb) with fluid

Volume:  1.0 L (2.11 pints)

Power:  94–234 V ac (± 10 %), 50/60 Hz, 400 W

Computer Interface:  RS-232 included with free Interface-it software

NIST-Traceable Calibration:  Data at −25 °C, 0 °C, 25 °C, 50 °C, 75 °C, 100 °C, and 125 °C