

## **NEW** Techne Portable Dry Block Calibrator

- Temperature Range 25 to 430°C (806°F)
- Accuracy ±0.03°C at 200°C; ±0.05°C at 400°C
- Over-Temperature Cutout 450°C
- Fast Heat Up (12 Min.); Cool Down (21 Min.)
- 10 Insert Formats Available
- Temperature Sensor Burnout Protection
- Display resolution 0.1°

**Each Unit Includes:** One multi-well insert (1/8", 3/16", 1/4", 5/16" & 3/8" insert sizes), mains cable, insert extractor, NIST traceable calibration certificate and instruction manual.



**UCAL400**

### Specifications

Temperature Range	Ambient + 5°C (9°F) to 430°C (806°F)	
	At 200°C	At 400°C
Display Accuracy	±0.3°C	±0.5°C
Stability (15 Min.)	±0.03°C	±0.05°C
Well to Well Uniformity	±0.015°C	±0.025°C
Cooling Rate (400 to 100°C)	21 Minutes	
Heating Rate (20 to 400°C)	12 Minutes	
Insertion Depth	4.5 Inches	
Over-temp Cutout	450°C	
Size	(HWD) 8.75 x 8 x 8 inches (222.25 x 203.2 x 203.2 mm)	
Weight	9 Lbs. (4 kg)	

### Ordering Information

Order #	Mfg #	Description	Price
MP3028900	UCAL400	UCAL400+ 117 VAC	
MP3028950	UCAL400	UCAL400+ 240 VAC	
MP23467T-1	UCAL400 Inserts	Insert 5 x 1/8" holes	
MP23467T-2	UCAL400 Inserts	Insert 2 x 3/8" + 2 x 1/4" holes	
MP23467T-3	UCAL400 Inserts	Insert 3/8, 1/2, 5/8, 3/4, 7/8" (Included with UCAL400)	
MP23467T-4	UCAL400 Inserts	Insert 2 x 1/2" + 2 x 1/4" holes	
MP7032718	UCAL400 Case	Optional Soft Sided Carrying Case	
MP7032537	7032537	Insert for 1/4" probes	
MP7032538	7032538	Insert Blank	
MP7032574	7032574	Insert 3/16" probe	
MP7032575	7032575	Insert 1/8" probe	
MP7032576	7032576	Insert 1/16" probe	
MP7032577	7032577	Insert 3/32" probe	

## Hart Scientific Ice Point Reference Cell

- Outstanding Stability
- Three Test Wells
- High Accuracy in a Zero Point

Use the 22455T as your zero point for sensor calibrations or to provide a stable ice point for T/C cold junctions. The 22455T uses solid-state cooling technology, eliminating the possibility of the sealed water freezing while being transported. The cooler is regulated by a precision electronic controller that can be recalibrated by using a certified standards thermometer. User settings aren't required and the whole unit is self-contained. The unit has two wells, 0.25 x 6", and one well, 0.28 x 6". One set of sizing tube inserts is provided to accommodate smaller diameter probes. Additional sizing tube sets are available(see the ordering information).

**9101**



### Specifications

Range:	0°C, 32°F
Stability:	±0.005°C
Power:	115 VAC (±10%), 50/60 Hz
Well Dimensions:	2 well 0.25" dia. x 6" D, 1 well 0.28" dia. x 6" D; includes one set of telescoping inserts to provide various smaller diameters
Total Instrument Error:	±0.02°C, typical; ±0.05°C max.
Stabilization Time:	Approx. 30 minutes
Size/Weight:	12.25 x 8.5 x 5.75" HWD/12 lbs (5.4 kg)

### Ordering Information

Order #	Mfg #	Description	Price
MP22455T	9101	Zero Point Dry Well, 115 VAC	
MP22455T-220	9101-E	Zero Point Dry Well, 220 VAC	
MP22456T	2130	Extra Set of Well Sizing Tubes	
MP1500-C	1500-C	Carrying Case	

NOTE: 230 VAC optional add -E to the model number.

Transcat Accredited Calibration with Data	CALL
Transcat Accredited Calibration without Data	CALL