

UCAL400+ Portable Dry-Block Calibrator

Calibrate your temperature sensors and systems
with our inexpensive portable unit.

- **Independent over-temperature cutout**
- **Wide temperature range of ambient +5°C/+9°F to 430°C/806°F**
- **Built rugged for portable field use**
- **Fast heat up and cool down**
- **10 removable insert formats available - not a fixed block like many competitor units**
- **Temperature sensor burnout protection**
- **Only 9 lbs. with insert**
- **Includes NIST traceable calibration and multi-well insert (1/8", 3/16", 1/4", 5/16" & 3/8" dia. holes)**
- **Industry leading - 3 year warranty**



UCAL 400+ Technical data

Minimum temperature	<i>5°C/9°F Above ambient</i>	Fan cooling	<i>Automatic</i>
Maximum temperature	<i>430°C/806°F</i>	Display resolution	<i>0.1°</i>
Cooling rate 400°C to 100°C	<i>21 min</i>	Weight (lbs)	<i>9.0 lbs/4 kg</i>
Heating rate, 20°C to 400°C	<i>12 min</i>	Insert immersion depth	<i>4.5</i>
Independent Over-temperature cutout	<i>approx. 450°C</i>	Dimensions H x W x D mm	<i>8.75 x 8 x 8" 222.25 x 203.2 x 203.2 mm</i>
Warranty	Industry leading - 3 years parts and labor		
Specification at	<i>200°C</i>	<i>400°C</i>	
Stability after 15 minutes	<i>+/- 0.03°C</i>	<i>+/- 0.05°C</i>	

Display accuracy	$\pm 0.3^{\circ}\text{C}$	$\pm 0.5^{\circ}\text{C}$	
Well to well uniformity	0.015°C	0.025°C	
The UCAL400+ includes one multi-well insert (1/8", 3/16", 1/4", 5/16" & 3/8" well sizes), mains cable, insert extractor, NIST traceable calibration certificate and instruction manual.			

Ordering Information

<u>Catalog #</u>	<u>Model</u>	<u>Voltage</u>	<u>Hz</u>	<u>Watts</u>	<u>Weight lbs.</u>	<u>Shipping Weight</u>
3028900	UCAL400+	120	50/60	900	9	12.5
3028950	UCAL400+	240	50/60	900	9	12.5

Inserts for the UCAL 400+

<u>Catalog Number</u>	<u>Description</u>	<u>Weight</u>
7032533	Insert 5 x 1/4" probes	13oz
7032534	Insert 3/8" + 5/16" + 1/4" + 3/16" + 1/8" probe	13oz
7032535	Insert 2 x 3/8" + 2 x 1/4" probes	13oz
7032536	Insert 2 x 1/2" + 2 x 1/4" probes	13oz
7032537	Insert 1 x 1/4" probes	13oz
7032538	Insert blank	13oz
7032574	Insert 1 x 9/16" + 1 x 1/4" probe	13oz
7032575	Insert 1 x 5/8" + 1 x 1/4" probe	13oz
7032576	Insert 1 x 11/16" + 1 x 1/4" probe	13oz
7032577	Insert 1 x 3/4" + 1 x 1/4" probe	13oz

Accessories

<u>Catalog number</u>	<u>Item</u>
7032718	Carrying case
7032722	Insert extractor
7002705	120 volt mains cable
7002712	Instruction manual