

Ametek/Jofra Dry Block Calibrators

- High and Low Temperature Models
- 4.8" and 8" Well Depths

These units are perfect for virtually all field or bench testing and calibration of temperature devices, including RTDs, thermocouples, thermal switches, even complete temperature loops.

Press the set switch, choose readout in °C or °F, dial in the temperature, and wait a few minutes while the unit stabilizes. Temperature indication is on the front panel digital display.

Two different instruments are offered, with two well depths available for each one. The

4322T and 4322T-1 have a range from ambient to 500°F/260°C. For higher temperatures, choose the 4070T and 4070T-1. All instruments deliver 1° display resolution, 1°C accuracy and ±0.1°F/0.05°C stability. Temperature control is by an internal precision RTD sensor.

These units are best suited for basic sensor calibration. If you do a lot of switch testing, consider the microprocessor-based units as they can automate the test process.



4070T

Each Unit Includes: 1/4" insertion tube, insertion tube extractor, aluminum carrying case, manufacturer's calibration certificate, and instruction manual.

ORDERING INFORMATION

Inserts for:	TK4322T	TK4322T-1	TK4070T	TK4070T-1
	TK4323T	TK4323T-1	TK4324T	TK4324T-1
Diameter:	4"	8"	4"	8"
Inches:	Catalog No.	Catalog No.	Catalog No.	Catalog No.
1/8"	TK6622T	TK6622T-1	TK6229T	TK6229T-1
3/16"	TK6623T	TK6623T-1	TK6630T	TK6630T-1
1/4"	TK6624T	TK6624T-1	TK6631T	TK6631T-1
5/16"	TK6625T	TK6625T-1	TK6632T	TK6632T-1
3/8"	TK6626T	TK6626T-1	TK6633T	TK6633T-1
1/2"	TK6627T	TK6627T-1	TK6634T	TK6634T-1
5/8"	TK6628T	TK6628T-1	TK6635T	TK6635T-1
7/16"	TK6550T	TK6550T-1	TK6556T	TK6556T-1
9/16"	TK6551T	TK6551T-1	TK6557T	TK6557T-1
1 1/16"	TK6552T	TK6552T-1	TK6558T	TK6558T-1
3/4"	TK6553T	TK6553T-1	TK6559T	TK6559T-1
13/16"	TK6554T	TK6554T-1	TK6560T	TK6560T-1
7/8"	TK6555T	TK6555T-1	TK6561T	TK6561T-1
Undrilled	TK6562T	TK6562T-1	TK6039T	TK6039T-1

SPECIFICATIONS

	4322T	4322T-1	4070T	4070T-1
Range:	Amb -500°F/260°C Amb -500°F/260°C	Amb -500°F/260°C Amb -500°F/260°C	Amb -1112°F/600°C Amb -1112°F/600°C	Amb -1112°F/600°C Amb -1112°F/600°C
Accuracy:	0.9°C/1.6°F	0.9°C/1.6°F	1°C/2°F	1°C/2°F
Heating Time to Max:	6 minutes	6 minutes	15 minutes	28 minutes
Cooling Time to 212°F/100°C:	12 minutes	20 minutes	30 minutes	48 minutes
Well Depth:	4.8"	8"	4.8"	8"
Power Supply:	—	110 VAC, 60 Hz	110 VAC, 60 Hz	—
Size:	14 x 15 x 7" HWD	18 x 15 x 7" HWD	14 x 15 x 7" HWD	18 x 15 x 7" HWD
Weight:	10 lbs	12 lbs	15 lbs	20 lbs

ORDERING INFORMATION

TK4322T	Dry Block Calibrator, Low Temperature
TK4322T-1	Dry Block Calibrator, Low Temperature, Deep Well
TK4070T	Dry Block Calibrator, High Temperature
TK4070T-1	Dry Block Calibrator, High Temperature, Deep Well
CTMPO7	Transcat Certified Calibration
DTMPO7	Transcat Certified Plus Calibration