

## ETM Series Dry Well Calibrators



- **Small, lightweight, easy to carry**
- **Two models ranging from -25°C to 600°C**
- **4.3 inches colour LCD, full touch screen, intuitive and eye-catching**
- **Fast cooling, accessible settings and good temperature stability control**
- **Various insertion tubes are offered to test and calibrate multiple sensors of different sizes and quantities**
- **The unit offers fast cooling, accessible settings and good temperature stability control**

### OVERVIEW

Portable Dry Block Calibrators offer a consistent and precise temperature setting that is both stable and uniform, making them highly portable and convenient for on-site calibration. This rapid temperature stabilization and enhanced calibration speed address the challenges of transport and mobility, providing an efficient solution for calibrating a wide range of temperature-measuring instruments, including temperature sensors, standard thermometers, dilatation thermometers, thermocouples, and thermal resistors.

The calibrators are used widely in machinery, chemical industry, food, pharmaceuticals and other industries.


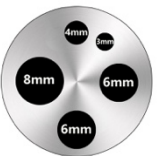
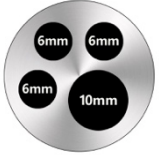
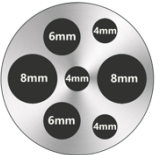
The new ETM series eliminates the common problems of slow heat-up times and temperature inaccuracies. This is a common occurrence that can exist in other cheaper makes of dry block calibrators leading to an unnecessarily long calibration time.

The latest generation of our dry-block calibrators adopts the most advanced heating principle design globally. They have a fast heat-up time and constantly holds a stable temperature and rapid cooling. This all significantly improves the calibration efficiency. The accuracy is higher than other manufacturers through reliable high-precision temperature control and high-precision sensors.

## SPECIFICATIONS

### Base Unit Dry Well Specifications

Specification	ETM140	ETM600
Temperature Range	-25°C to 140°C	30°C to 600°C
Accuracy	$\pm 0.3^{\circ}\text{C} - 0.5^{\circ}\text{C}$	
Display Stability	$\pm 0.1^{\circ}\text{C} - 0.3^{\circ}\text{C}/10\text{min}$	
Insert Depth	140mm	135mm
Insert OD	24.8 mm	
Hole size	3mm-12mm(customizable)	
Heating Time	room temperature to -25°C: 45 min, room temperature to 140: 35 min	room temperature to 200°C: 25 min, 200 to 600°C: 25min
Cooling Time	140°C to room temperature: 55 min	600°C~100°C: 35 min
Typical Time to Stability	15 min	
Resolution	0.1°C	
Units	°C and °F	
Display	LCD color touch screen	
Size (H x W x D)	235 mm x 170 mm x 245 mm	
Weight	5 kg	
Power Requirements	200 V ~ 230 V ( $\pm 10\%$ ) 50/60 Hz, 575 W	
Working condition	0°C - 35°C, 20 % - 75 %RH (No condensation) < 2000 m	
Warranty	1 year	
Standard Accessories	ISO17025 calibration certificate, insert A, transportation case	

Insert information			
Model	Specifications	Model	
A		B	
C		D	



### Ordering Information

ETM - 140 - A - 220V			
Model	Temperature Range	Insert Model	Power Option
ETM	140: -25°C to 140°C	A, B, C, D	110V
	600: 35°C to 600°C		220V

