

Temperature calibrator TP 17165M

TP Basic // Dry block // -35...165 °C // -31...329 °F



TP 17165M



Highlights

- Version of our TP 17165 temperature calibrator specially optimized for the marine market
- Very easy operation with 4-button control and integrated reference temperature sensor
- Low weight and stable handle for easy transport
- Optional accessory: Transport case with or without trolley
- Qualified for SIKA Gold Service

TP Basic

The temperature calibrators of the TP Basic series are characterised by their **efficiency and portability**. The series consists of dry block calibrators covering a wide temperature range and are used on site, e.g. in **marine applications**.

The easy operation, the integrated internal reference temperature sensor and the dry block calibration function ensure an **extremely easy calibration process**.

SIKA temperature calibrators

Temperature calibrators are used for the verification of the functionality and calibration of temperature measuring devices and temperature sensors. As the sole German manufacturer of these devices, we develop and produce our "Made in Germany" temperature calibrators with a special focus on **long-term reliability** and **utmost accuracy** in combination with **easy operation**. We can rely on more than 40 years of experience in doing this: SIKA's **first dry block temperature calibrator** was launched all the way back in 1980.

Every SIKA temperature calibrator is meticulously tested for **accuracy** and **stability**. This is attested by our standard calibration certificate, which we issue with every temperature calibrator, or by means of an optional DAkkS calibration certificate [German accreditation body]. This is to guarantee that you receive a **perfect product** which can be traced back to national and international temperature measurement standards.

Features

Easy operation

- The TP 17165M can be operated with only four buttons: Two arrow buttons for setting the target temperature, one button for confirmation and one return button
- Thus, temperatures can be set as easily as, for example, in the air conditioning system in your car
- Any operational errors can be nearly excluded. You do not need any specifically trained staff or time-consuming briefings



SIKA Gold Service

SIKA Gold Service provides a comprehensive service package for the regular recalibration of your temperature calibrator. You will benefit from exclusive savings and discounts as well as special promotions reserved to SIKA Gold Service members.

- You will save 33% in the recalibration of your temperature calibrator
- You will receive a 10% discount on any repairs that may become necessary
- You will receive preferential invitations to product presentations, symposia, practice days and exclusive training offers



Register now and benefit from the SIKA Gold Service: gold-service.sika.net

Technical data

TP 17165M	
Temperature range	-35...165 °C at ambient temperature 20 °C -31...329 °F at ambient temperature 68 °F
Dimension of the calibration insert	Ø 28 x 150 mm (calibration insert easily exchangeable)
Dry block	
Display accuracy	±1 °C ±1.8 °F
Temperature stability	±0.1 °C ±0.18 °F
Resolution of the temperature display	1 °C 1 °F
Reference temperature sensor	internal, fixed installation
Dimensions	
→ Width	210 mm
→ Height	380 + 50 mm (Handle)
→ Depth	300 mm
Weight	Approx. 10 kg
Power supply	100...240 VAC, 50 / 60 Hz
Power consumption	Approx. 375 W
Display	
Display	2-line, 4-digit digital display red / green, unit °C / °F
Approvals	

Article numbers

To order a complete calibrator, you need two article numbers:

1. Calibrator
2. Calibration insert

In addition, depending on your individual calibration requirements, you can order additional calibration inserts, necessary certificates and other accessories.

1. Calibrator				
Temperature range	Function	Calibration insert [mm]	Power supply	Article number
-35...165 °C -31...329 °F	Dry block	Ø 28 x 150	100...240 V	EP17160M281503

2. Calibration insert				
Bore holes [mm]	Function	Calibration insert [mm]	Material	Article number
1x Ø 3.5, 1x Ø 6.5, 1x Ø 13.5	Dry block	Ø 28 x 150	Brass	EZ15028B03MS17
1x Ø 6.5	Dry block	Ø 28 x 150	Brass	EZ15028065MS00
2x Ø 3.5	Dry block	Ø 28 x 150	Brass	EZ15028B02MS09
1x Ø 3.5, 1x Ø 4.5	Dry block	Ø 28 x 150	Brass	EZ15028F02MS80
1x Ø 3.5, 1x Ø 6.5	Dry block	Ø 28 x 150	Brass	EZ15028H02MS01
1x Ø 3.5, 1x Ø 8.5	Dry block	Ø 28 x 150	Brass	EZ15028B02MS67
1x Ø 3.5, 1x Ø 6.5, 1x Ø 8.5, 1x Ø 10.5	Dry block	Ø 28 x 150	Brass	EZ15028C04MS15
Without bore holes	Dry block	Ø 28 x 150	Brass	EZ15028000MS00
Calibration insert incl. 1 bore hole of choice	Dry block	Ø 28 x 150	Brass	Please indicate bore holes in the order
Each additional bore hole	Dry block	Ø 28 x 150	Brass	

3. Calibration certificate - Select your calibration certificates as needed		Article number
Each calibrator is already delivered with a standard calibration certificate (6 test points).		
SIKA works calibration certificate (similar to standard calibration certificate + marking on the calibrator)		EKTPWP1FKT
DAkKS calibration certificate (3 test points + measurement uncertainty determination)		EKTPDAKKS1FKT
Each additional test point DAkKS calibration certificate		EKTPDAKKSZUSP
SIKA Gold Service works calibration certificate		EKTPGOLDWP
SIKA Gold Service DAkKS		EKTPGOLDDAKKS

4. Accessories		Article number
Transport case without trolley		EZTPKOFFER20
Transport case with trolley		EZTPKOFFER20TG
Transport bag		XE2193

CMI FRANCE

Ecoparc d'Affaires
F- 41210 Neung-sur-Beuvron
Tel : +33 (0)2 54 95 70 95

Agence Rhône Alpes :
F- 26160 La Bégude de Mazenc
Tel: +33 (0)4 75 54 57 26

infofr@cmitest.com
www.cmitest.com

