



H.V. TEST

Specialists in High Voltage
Testing & Diagnostics

Calibaf FXP-1 Dry Block Calibrator

The Calibaf FXP-1 Dry Block Calibrator cooling time is longer than the heating time due to the insulation of the heating block. The designed insulation assures better stability of the Dry Block Calibrator.

The Dry Block Calibrator is custom designed for the needs of the customer. A good thermal contact between the sensor and the heating block is important for accurate measurements. The difference in the diameter of the sensor and the bore should be less than 1 mm.

Projects

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Features:

- The Temperature Controller being used in the Dry Block Calibrators is a RKC CB-100 PID controller. The Temperature Indicator (only fitted to the FXP-1/1), is a TCL Pt100 indicator.
- The Temperature Controller displays two values. The Green illuminated PRESENT VALUE (PV) is displayed in the upper section of the controller and displays the actual temperature of the heating block. The lower Amber illuminated value shows the SET POINT or the desired Dry Block Calibrator temperature.
- Normal use of the Calibrator will not result in any significant level of airborne dust from these materials, but much higher levels may be encountered during repair.
- The supply must be 230 Volt AC (50 Hz) unless otherwise stated. The supply must incorporate an Earth (ground).

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Calibaf FXP-1

Dry Block Calibrator

TECHNICAL SPECIFICATIONS

Model	FXP-1	FXP-1/1
• Voltage Rating (50Hz):	230V	230V
• Fuse Rating:	2 A	2 A
• Power Consumption:	400 W	400 W
• Maximum Temperature	150 °C	150 °C
• Oil temperature range	0-130 °C	0-130 °C
• Winding temperature range	0-130 °C	0-130 °C
• Accuracy	0.5%	0.5%
• Resolution	3 Digits	3 Digits
• Number of Bores:	4 x 18 mm 1 x 9 mm	4 x 18 mm 1 x 9 mm
• Depth of bores:	170 mm	170 mm
• Control & Resolution:	PID (0.1°C)	PID (0.1°C)
• Uncalibrated Accuracy:	± 2 0C	± 2 0C
• Stability:	± 0.5 0C	± 0.5 0C
• Separate read-out:	No	Yes (0.1 °C)
• Temperature Display	Degrees Celsius	Degrees Celsius
• Control software	No	No
• Communication port	No	No
• Weight	< 20kg	< 20kg
• Measuring time	< 60 seconds	< 60 seconds

