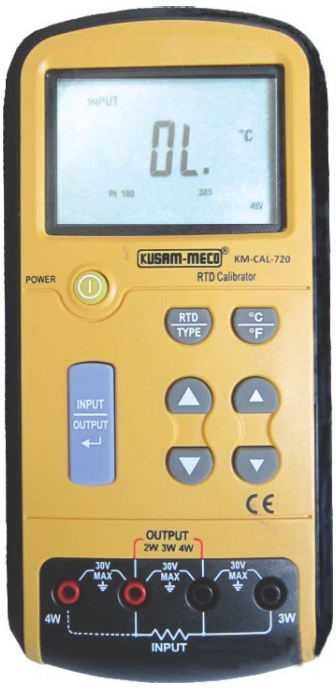
KUSAM-MECO®
An ISO 9001:2008 Company

RTD CALIBRATOR Mode KM-CAL-720

SPECIAL FEATURES :

- Sources and measures 7 RTD types devices (PT10, PT50, PT100, PT200, PT500, PT1000 (385), PT100 (JIS)) or
- Large 5 digit LCD with full angel
- High accuracy maximum up to 0.2°C and 0.1
- Mesurinag and Simulating RTD
- With standard jack for external power supply



Preliminary Data

GENERAL SPECIFICATIONS :

- **Maximum voltage applied between any jack and earth ground or between any two jack :** 30V
- **Storage temperature :** -40 °C ~ 60°C
- **Operating temperature :** -10 °C ~ 55°C
- **Temperature coefficient :** ± 0.01% / °C on 0°C ~ 18°C and 28°C ~ 50°C
- **Relative humidity :** 95% up to 30°C, 75% up to 40°C, 45% up to 50°C, 35% up to 55°C
- **Temperature accurate :** ± 0.2°C with 0.1° Resolution
- **Resistance accurate :** ± 0.1 with 0.1 resolution
- **Operating altitude :** 3000 meters maximum
- **Resolution :** RTD 0.1 °C / °F
- **Resistance :** 0.01/0.1
- **Range :** 0.00 ~ 3200.0 or -200.0 ~ 630.0°C
- **LCD size :** 205 x 97 x 45
- **Dimension :** 205 x 97 x 45mm
- **Shock :** Random 2g, 5Hz to 500Hz
- **Power Supply :** 6 x AAA 1.5V Battery
- **Dimension :** 205mm x 98mm x 46mm
- **Weight :** 472g (include battery)

ACCESSORIES :

Colour box, Calibrator, Secondary injection insulation test lead, Crocodile Clips, Battery 1.5V (AAA) x 6
Carrying Case, User's manual & External Power supply (Optional)

ELECTRICAL SPECIFICATIONS : KM-CAL-720

Measure (input) / Simulate (output) RTD specification

Mode	Range	Range			Current Excitation mA
		Input 4W	Input 2W/3W	Output	
Pt10 385	-200~800°C / -328~1472°F	1.5	2.0	1.5	0.1 ~ 3.0
Pt 50 385	-200~800°C / -328~1472°F	0.7	1.0	0.7	0.1 ~ 3.0
Pt100 385	-200~800°C / -328~1472°F	0.33	0.5	0.33	0.1 ~ 3.0
Pt 200 385	-200~250°C / -328~482°F	0.2	0.3	0.2	0.1 ~ 3.0
	-250~630°C / -482~1166°F	0.8	1.6	0.8	
Pt 500 385	-200~500°C / -328~932°F	0.3	0.6	0.3	0.05 ~ 0.8
	-500~630°C / -932~1166°F	0.4	0.9	0.4	
Pt1000 385	-200~100°C / -328~212°F	0.2	0.4	0.2	0.05 ~ 0.8
	-100~630°C / -212~1166°F	0.2	0.5	0.2	
Pt100 JIS	-200~630°C / -328~1166°F	0.3	0.5	0.3	0.1 ~ 3.0

Excitation current only apply on simulate mode.
The excitation current be marked on the OHM meter or RTD meter which was connected to the calibrated.

Excitation current : 0.2mA.

MAX input voltage : 30V

Measure (input) / Simulate (output) Resistance specification

Range	Measure Accuracy 4W ±	Simulate Accuracy ±	Current excitation mA
0.00 ~ 400.00	0.1	0.15	0.1~ 0.5
		0.1	0.5~ 3.0
400.0 ~ 1500.0	0.5	0.5	0.05~ 3.8
1500.0 ~ 3200.0	1	1	0.05~ 0.4
	2		

Excitation current only apply on simulate mode. The excitation current could be marked on the OHM meter or RTD meter which was connected to the calibrator

Excitation current : 0.2mA.

MAX input voltage : 30V

Note: All Specification are Subject to change without prior notice.

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