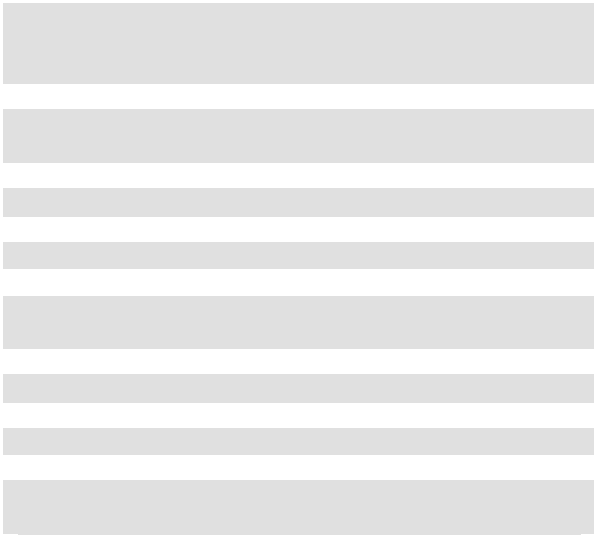


Nagman Combination Calibrators

Suitable for Lab / Field Use



Model : Combical 235



- Combination Calibrators – Combical 235
- Alkaline Batteries
- Operation Manual

- Test Leads
- Leather Carry Case
- Test Certificate

- NABL Traceable Calibration Certificate

Product of

NAGMAN INSTRUMENTS & ELECTRONICS (P) LTD.

- Comprehensive Calibration Solutions (Standards / Systems / Packages / Software / Services)
"Nagman Complex", At 27th KM Stone, Chennai-Bangalore NH-4, Nazarethpet (Via.), Chennai – 602 103. **INDIA.**



Voltage	100 mV	-10.00 to 110.00 mV	0.01 mV	±0.05% setting value + 30 μV	Max. output current ±5 mA
	1000 mV	-100.00 to 1100.0 mV	0.1 mV	±0.05% setting value + 0.3 mV	
Thermocouple	R	-40 to 1760°C	1°C	±0.05% setting value ±3°C (≤100°C)	ITS-90
	S	-20 to 1760°C	1°C	±0.05% setting value ±2°C (>100°C)	
	B	400 to 1800°C	1°C	±0.05% setting value ±3°C (400 to 600°C) ±0.05% setting value ±2°C (>600°C)	
	E	-200 to 1000°C	0.1°C	±0.05% setting value ±2°C (≤100°C) ±0.05% setting value ±1°C (>-100°C)	
	K	-200 to 1370°C	0.1°C		
	J	-200 to 1200°C	0.1°C		
	T	-200 to 400°C	0.1°C		
	N	-200 to 1300°C	0.1°C		

Voltage	100 mV	-10.00 to 110.00 mV	0.10 μV	±0.05% setting value + 30 μV	Input Impedance 1MΩ
Thermocouple	R	-40 to 1760°C	1°C	±0.05% Measuring value ±3°C (≤100°C)	Input Impedance 1MΩ ITS-90
	S	-20 to 1760°C	1°C	±0.05% Measuring value ±2°C (>100°C)	
	B	400 to 1800°C	1°C	±0.05% Measuring value ±3°C (400 to 600°C) ±0.05% Setting value ±2°C (>600°C)	
	E	-200 to 1000°C	0.1°C	±0.05% Measuring value ±2°C (≤ -100°C) ±0.05% Measuring value ±1°C (> -100°C)	
	K	-200 to 1370°C	0.1°C		
	J	-200 to 1200°C	0.1°C		
	T	-200 to 400°C	0.1°C		
	N	-200 to 1300°C	0.1°C		

Resistance	400Ω	0 to 450Ω	0.1 Ω	±0.05% Setting value ±0.2Ω	Measuring Current 1 mA
RTD	Pt100	-200 to 850°C	0.1°C	±0.05% Setting value ±0.6°C	1 mA exciting Current use Pt 100–385
	Cu50	-50 to 150°C	0.1°C		Measuring current 1 mA
					1 mA exciting Current

Resistance	400Ω	0 to 400Ω	0.1Ω	±0.05% Setting Value ±0.2Ω	±1 mA exciting Current
RTD	Pt100	-200 to 850°C	0.1°C	%0.05% Setting value ±0.6°C	±1mA exciting Current use Pt100- 385
	Cu50	-50 to 150°C	0.1°C		±1 mA exciting Current

Voltage	28 V	-0.2 to 28 V	1 mV	±0.02% reading ±2 mV	Input Impedance 2 MΩ
Current	20 mA	-1 to 22 mA	0.001 mA	±0.02% reading ±4 μA	Input Impedance 20 MΩ
Loop Current	20 mA	0 to 22 mA	0.001 mA	±0.02% reading ±4 μA	Supply 24 V Loop Power

Current	20 mA	0 to 22 mA	0.001 mA	±0.05% Setting value ±4 μA	20 mA, maximum overload is 1 kΩ
Analog Transducer	-20 mA	0 to 22 mA	0.001 mA	±0.05% Setting value ±4 μA	20 mA, maximum overload is 1 kΩ
Loop Power	24 V			±10%	Maximum Output Current 25 mA