

# Simulators

## Universal pocket calibrator, series UC

Digital, menu driven value adjustment, 6 keys and navigator  
Background-lit, graphic LC-display, 160 x 160 pixel  
Step-, ramp-, cycle-, HOLD- and scaling functions  
Serial USB PC interface (type mini B)  
Power supply via 4 x 1.5V batteries (AA type)  
Dimensions approx. 160 x 85 x 45 mm / weight approx. 300 g



Types	UC RTD	UC TC	UC mA/V
Signals	RTD: Pt50, Pt100, Pt200, Pt500 Pt1000, Ni100, Ni120, Ni1000, Cu10, Cu50 Ω: Resistance 0...400 Ω, 0...4000 Ω	TC: Types J, K, T, R, S, B, C, U, L, N, E mV: Voltage 0...100 mV	mA: Current 0(4)...20 mA, 25 mA V: Voltage 0...10 V, 25 V, 50 V
Features	Data logging function via flash memory for 10.000 measured values Graphic and tabular display of measured values		Incl. 2 x test cable , 2 x test clip
Accuracy	±0.012 % of rdg. +K	±0.020 % of rdg. +K	±0.015 % of rdg. +K
Resolution	0.01 °C or 0.01 °F and 1...10 mΩ	0.1° C or 0.1 °F and 1 μV	0,1 mA or 0,1 V

Type	SIKA-Order-Code	ISSA-Code	IMPA-Code
UC RTD	EME8A0UCRTD000		
UC TC	EME8A0UC0TC000		
UC mA/V	EME8A0UCMAV000		

## Universal multifunction calibrator, series MC

Digital, menu driven value adjustment, 22 keys and navigator  
Background-lit, graphic LC-display, 240 x 320 pixel  
Step-, ramp-, cycle-, HOLD- and scaling functions  
Serial USB PC interface (type mini B)  
Power supply via internal accumulator incl. power pack (230 VAC)  
Dimensions approx. 210 x 110 x 50 mm / weight approx. 900 g



Signals (TC) Types J / K / T / R / S / B / C / U / L / N / E  
(RTD) Pt50 / Pt100 / Pt200 / Pt500 / Pt1000  
Ni100 / Ni120 / Ni1000 / Cu10 / Cu50  
(Ω) Resistance 0...400 Ω / 0...4000 Ω  
(mA) Current 0(4)...20mA, 25 mA  
(mV) Voltage 0...100 mV  
(V) Voltage 0...10 V, 25 V, 50 V  
(Hz) Frequency 1...20 kHz

Data logging function via flash memory for 10.000 measured values. Graphic and tabular display of measured values. (only for MC 75)

Types	MC 50	MC 75
Accuracy	±0.017 % of rdg. +K	±0.014 % of rdg. +K
Resolution	6 digits	6 digits

Type	SIKA-Order-Code	ISSA-Code	IMPA-Code
MC 50	EME8A0MC050000		
MC 75	EME8A0MC075000		