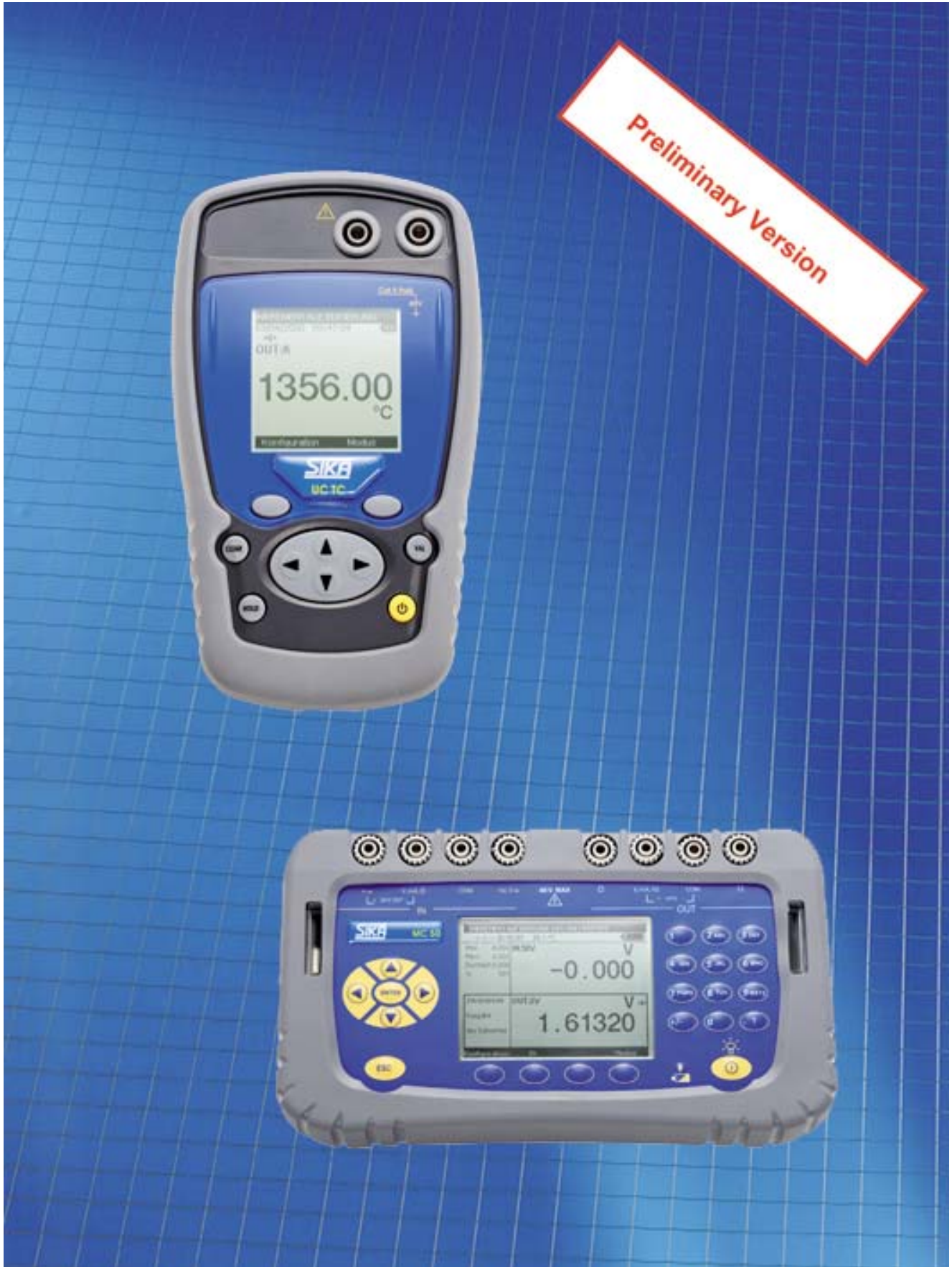


# SIKA Simulators



## Series UC

Universal pocket calibrator  
Simulation and measurement of programmable test points  
Digital, menu driven value adjustment, 6 keys and navigator  
Switchable menu languages D, GB, F, E, I  
Background-lit, graphic LC-display, 160 x 160 pixel  
step-, ramp-, cycle-, HOLD- and scaling functions  
Linear- and square function, HART-protocol, filter  
Editable display units, real-time clock, high-speed call (%FS)  
Average value-, MIN/MAX-, offset functions, valve test  
Serial USB PC interface (type mini B)  
Electrical connection by 4 gold-coated 4 mm safety sockets  
Power supply via 4 x 1.5V batteries (AA type)  
Robust rubber-covered ABS-plastic housing  
Protection class IP 54  
Dimensions approx. 160 x 85 x 45 mm  
Weight approx. 300 g  
Including carrying strap, battery set

### Type UC RTD

Signals (RTD) Pt50 / Pt100 / Pt200 / Pt500 / Pt1000  
Ni100 / Ni120 / Ni1000 / Cu10 / Cu50  
Different temperature ranges according to DIN, IEC, JIS etc.  
Temperature coefficients adjustable  
Temperatures adjustable in 0.01-steps

( $\Omega$ ) Resistance 0...400  $\Omega$ /0...4000  $\Omega$   
Resistances adjustable within m $\Omega$ -range

Data logging function via flash memory for 10.000 measured values  
Graphic and tabular display of the measured values  
Sensor-specific linearization with 10 points  
Accuracy +/-0.012 % of rdg. +K  
Resolution 0.01 °C or 0.01 °F and 1...10 m $\Omega$



### Type UC TC

Signals (TC) Types J / K / T / R / S / B / C / U / L / N / E  
Different temperature ranges according to DIN, IEC, JIS etc.  
Temperatures adjustable in 0.1-steps

(mV) Voltage 0...100 mV  
Voltages adjustable within  $\mu$ V-range

Data logging function via flash memory for 10.000 measured values  
Graphic and tabular display of the measured values  
Sensor-specific linearization with 10 points  
1 x Mini-TC-plug for thermocouple type K  
Accuracy +/-0.020 % of rdg. +K  
Resolution 0.1° C or 0.1 °F and 1  $\mu$ V



### Type UC mA/V

Signals (mA) Current 0(4)...20mA, 25 mA  
Current adjustable in 0.1 mA steps

(V) Voltage 0...10 V, 25 V, 50 V  
Voltage adjustable in 0.1 V steps

Transmitter supply 24 VDC / 22 mA  
Accuracy +/-0.015 % of rdg. +K  
Resolution 0,1 mA or 0,1 V  
incl. 2 x test cable , 2 x test clip



## Certificates Series UC

DKD - Certificate  
SIKA Works Certificate



## Accessories Series UC

Internal accumulator battery Ni-MH 1.7 Ah incl. supply unit  
Transport case GKK 3100

## Series MC

Universal multifunction calibrator  
Simultaneous simulation and measurement of programmable test point  
Digital, menu driven value adjustment, 22 keys and navigator  
Switchable menu languages D, GB, F, E, I  
Background-lit, graphic LC-display, 240 x 320 Pixel  
step-, ramp-, cycle-, HOLD- and scaling functions  
Linear- and square function, HART-protocol, filter  
Editable display units, real-time clock, high-speed call (%FS)  
Average value-, MIN/MAX-, offset functions, valve test  
Storage of 10 configuration files  
Transmitter supply 24 VDC / 22 mA



Signals

- (TC)** Types J / K / T / R / S / B / C / U / L / N / E  
Temperatures adjustable in 0.1-steps
- (RTD)** Pt50 / Pt100 / Pt200 / Pt500 / Pt1000  
Ni100 / Ni120 / Ni1000 / Cu10 / Cu50  
Different temperature ranges according to DIN, IEC, JIS etc.  
Temperature coefficients adjustable  
Temperatures adjustable in 0.01-steps
- (Ω)** Resistance 0...400 Ω / 0...4000 Ω  
Resistances adjustable within mΩ-range
- (mA)** Current 0(4)...20mA, 25 mA  
Current adjustable within μA-range
- (mV)** Voltage 0...100 mV  
Voltages adjustable within μV-range
- (V)** Voltage 0...10 V, 25 V, 50 V  
Voltages adjustable within μV-range
- (Hz)** Frequency 1...20 kHz  
Frequency adjustable in 0,01 Hz-steps

Serial USB PC interface (type mini B)  
Electrical connection by 8 gold-coated 4 mm safety sockets with Push and Lock function  
Power supply via internal accumulator incl. power pack (230 VAC)  
Robust rubber-covered ABS-plastic housing  
Protection class IP 54  
Dimensions approx. 210 x 110 x 50 mm  
Weight approx. 900 g  
Including carrying strap, power pack (230 VAC), 6 x test cable , 6 x test clip

### Type MC 50

Accuracy +/-0.017 % of rdg. +K  
Resolution 6 digits

### Type MC 75

Accuracy +/-0.014 % of rdg. +K  
Resolution 6 digits  
Data logging function via flash memory for 10.000 measured values  
Graphic and tabular display of the measured values  
Sensor-specific linearization with 10 points  
Connection for external pressure modules

## Certificates Series MC

DKD - Certificate  
SIKA Works Certificate



## Accessories MC 50 / MC 75

Higher accuracy for MC 75 (+/- 0.012 % of rdg. +K)

Transport case GKK 3600

# Our Production and Sales Range



Flow Measurement Equipment



Axial Turbine Flow Sensor



Flow Switches



Pressure Gauges and Pressure Sensors



Industrial Thermometers



Electronic Digital Thermometer, Dial Thermometer



Measuring Instruments



Temperature Sensors



Calibrators, DKD-Laboratory

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Subject to technical modification

