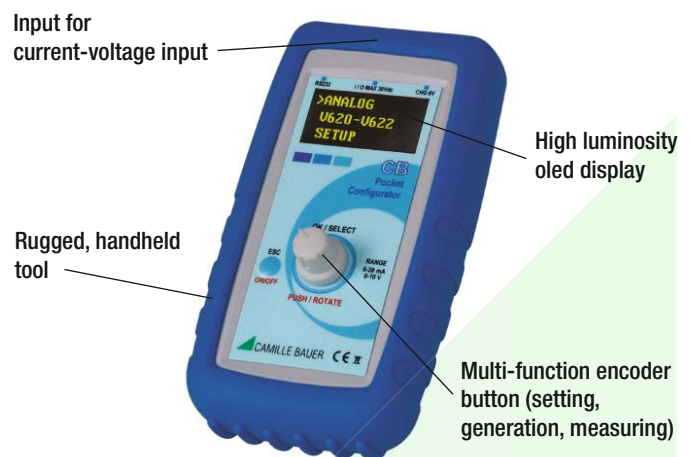


# CB Pocket Configurator

## Portable voltage/current simulator meter

### Features / Benefits

- Precision class: 0.1%
- Voltage measuring/simulation: 0 ... 10 V
- Current measuring/simulation: 0 ... 20 mA
- Functions setting by encoder button
- High-luminosity OLED display, 128 x 64 points
- 4 languages graphic menu (German, English, French, Italian)
- Supply by Ni-Mh 2500 mAh rechargeable batteries



### General Data

<b>Power supply</b>	Ni-Mh 2500 mAh rechargeables batteries (AA type), 8 hours min. autonomy 230 V AC from by power supply
<b>Consumption</b>	Min. 50 mA, max. 300 mA 6 V, 300 mA stabilized
<b>IP protection</b>	IP20
<b>Operating Temperature</b>	0 ... 50 °C
<b>Humidity</b>	Up to 90%, not condensing
<b>Dimensions</b>	75 x 140 x 33 mm (w x h x d)
<b>Weight</b>	250 g
<b>Isolation</b>	Battery power supply, already isolated
<b>Protection</b>	± 30 V
<b>Input/Output signals</b>	Measuring/simulation voltage: 0...10 V Measuring/simulation current: 0...20 mA
<b>Accuracy</b>	0.1%
<b>Resolution</b>	0.001 mA 0.001 V
<b>Conformity</b>	CE

### Registers

<b>Buttons</b>	ESC / ON / OFF – Navigation function SELECT (rotation) – increasing/decreasing, voltage/current value SELECT (pression) – manual step (value 10 <sup>N</sup> , N = 0, 1, 2, 3)
<b>Language</b>	German, English, French, Italian
<b>Brightness</b>	15 levels
<b>Menu</b>	Setup Signal simulation (voltage/current) Signal measuring (voltage/current)
<b>Registers</b>	Calibration register PWM register (setting) ModBUS register (read/write)

### Errors messages

<b>Over voltage</b>	Voltage reading upper than 11 V
<b>Under voltage</b>	Voltage reading lower than – 0,5 V
<b>Over current</b>	Current reading upper than 21 mA
<b>Under current</b>	Current reading lower than – 1 mA
<b>Blinking value</b>	Voltage/current simulation not successful

# CB Pocket Configurator

## Order Code

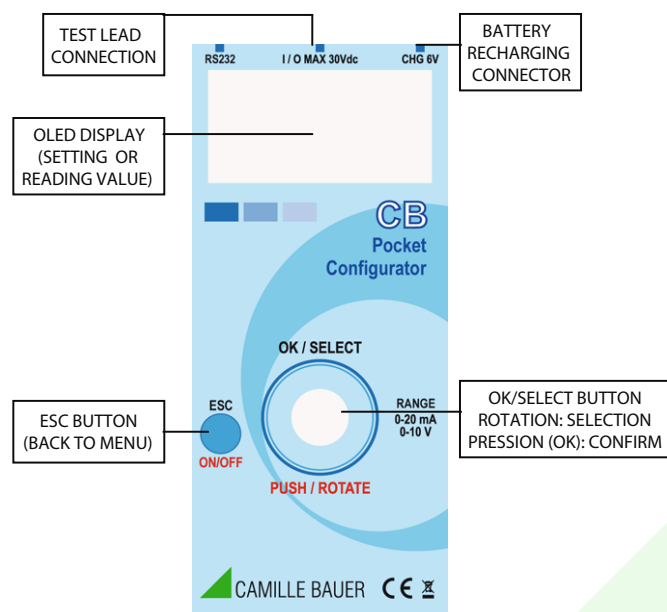
Description	Code
CB pocket configurator (including test lead sets, bag, battery and power supply)	162 925



## Electrical connections

Signal simulation		
Black Red	Black Red	Black Red
Current simulation of 0...20 mA with internal power for loop (Max. load: 500 Ω)	Current simulation of 0...20 mA loop with external power for loop (passive current simulation)	Voltage simulation of 0...10 V (Min. load: 1 kΩ)

## Layout



Signal measuring	
Black Red	Black Red
Current measuring of 0...20 mA (CB Configurator impedance: 20 Ω)	Voltage measuring of 0...10 V (CB configurator impedance: 20 Ω)

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