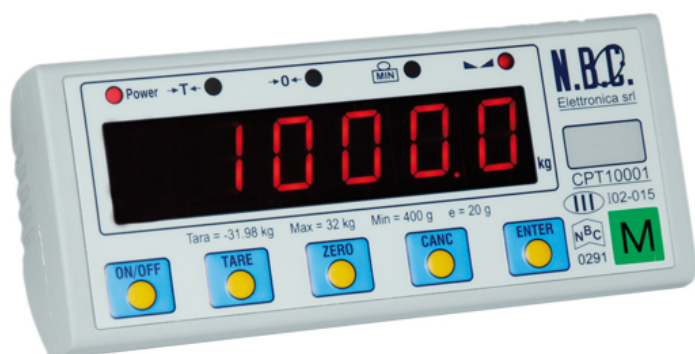


# CPT 02

## Desk version indicator

### 1. Product



### 2. Technical features

<b>Power Supply</b>	5 Vdc $\pm$ 10% with external power supply 230Vac
<b>Max Consumption</b>	6 W
<b>Insulation</b>	Class III
<b>Installation Category</b>	Cat. II
<b>Operating temperature</b>	-10°C / +50°C (max humidity 85% non-condensing)
<b>Storage temperature</b>	-20°C / +60°C
<b>Display</b>	6 digit red led seven segments (h=20 mm)
<b>Led</b>	5 led 5 mm
<b>Keyboard</b>	5 multifunction keys
<b>Overall dimensions</b>	184mm X 80mm X 72mm (l x h x p)
<b>Mounting</b>	Wall or desk with 2 screws holes $\varnothing$ 4 mm with wheelbase 100 mm
<b>Case material</b>	ABS

<b>Front protection degree</b>	IP60
<b>Connections</b>	DSUB 9 connector and power supply jack
<b>Load cell power supply</b>	3,3 Vdc / 80 mA (max 8 load cells of 350 $\Omega$ ) short circuit protected
<b>Sensitivity</b>	0.02 $\mu$ V min.
<b>Linearity</b>	< 0.002% of full scale
<b>Drift Temperature</b>	< 0.001% of full scale / °C
<b>A/D resolution</b>	24 bit
<b>Input range</b>	Configurable from 2,5mV/V to 0,5V/V
<b>Sample rate</b>	4 Hz – 60 Hz
<b>Digital filter</b>	Selectable 0.1 Hz – 25 Hz
<b>Serial port</b>	Rs232, Optional Rs485
<b>Conformity standard</b>	EN61000-6-3, EN61000-6-2, EN61010-1, EN45501

# CPT 02

## Desk version indicator

### 3. Connections

Load Cell	Serial	Repeater (Opt.)	Power Supply
1 – Excitation (Blue) 2 – Reference (Black) 4 + Reference (White) 5 + Excitation (Red) 6 – Signal (Green) 9 + Signal (Yellow)	2) TXD 3) RXD 5) GND	1) + 5 Vdc 3) Tx Data 5) GND	+ Center – Outer

### 4. Software parameters

All functions are programmable through the keyboard, stored and kept in memory with protection data system

#### CALIBRATION DATAS

Increment size setting (x1 x2 x5)

Decimal point setting

Zero setting

Full scale setting

#### WEIGHT STABILIZATION PARAMETERS

Weight stabilization time

Weight stabilization range

Time for monotony keeping

Digital filtering range

Number of digital filtering readings

#### OPERATING PARAMETERS

Auto-zero set point at switch-on

Zero tracking time

Zero tracking range

Display switch-off with overload

#### OPERATING FUNCTIONS

Autotare