

INDUSTRIAL CONDUCTIVITYMETER

CD75 is a state of the art control instrument that allows accurate conductivity measurement in industrial applications.

Thanks to the LCD display, 15 mm high, it is possible to read clearly the control instrument with direct light on it or up to 5 mt distance.

Strong plastic enclosure IP65.

This is a **user friendly** control instrument. The basic configuration is achieved by six **microswitches** which define the reference temperature 20 or 25°C, intervention relay type, alarm intervention NO or NC and the protection of programming and calibration functions. The cell calibration is very easy to do.

The temperature compensation of the measured conductivity can be manual or automatic with PT 100 three wires.

Temperature can be displayed by pressing the °C key.



The high technology of the microprocessor allows the control instrument to perform the following functions:

Calibration	AUTOMATIC
Temperature Reference Setting	20 / 25 °C
Compensation Coefficient	0...7 % / °C
2 programmable SET POINTS	ON-OFF; Minimum – Maximum, programmable hysteresis of set
DELAY	Set 2: 0...99 min
mA output	4...20 mA not isolated for Measure (mA output with galvanic separation on request)
Cell constant	C = 0,1 / 0,2 / 1 cm ⁻¹
Measure	C = 0,1 cm ⁻¹ 0...500 µS Scale: 2 – 5 – 20 – 50 – 200 – 500
	C = 0,2 cm ⁻¹ 0...2000 µS Scale: 20 – 50 – 200 – 500 – 2.000
	*C = 1 cm ⁻¹ 0...20.000 µS Scale: 2.000 – 5.000 – 10.000 – 20.000



* To measure the range 0...10.000 µS and 0...20.000 µS, is necessary use conductivity probe CTK-1 and CTK1-G model

Three available models:

Model	Characteristics	Dimensions
CD75A	Industrial control instrument IP65	144 x 144 x P = 90
CD75B	Panel mounting control instrument DIN	144 x 144 x P = 90
CD75C	Panel mounting control instrument DIN	96 x 96 x P = 95