

High performances portable chart recorders, CITEC RX-RPP Series, are designed for measuring and recording pressure or temperature (water, air, gas, oil...)

RPP Model : high-resistant polyethylene, IP67 protection for harsh environments

1 or 2 inputs, 24h or 7 days recording, -200°C to 800°C, -1 to 60 bar

Portable chart recorders pressure / temperature RX - RPP Series

Product specifications

. Measuring range	temperature : -200°C to 800°C, min FS : 80°C pressure : -1 to 60 bar, min FS : 1.6 bar
. Accuracy	±1%FS
. Measuring element	temperature : filled pressure : 316 stainless steel bourdon tube
. Movement	nickel plated brass mechanical clockwork (quartz in option)
. Recording period	24h or 7 days rotation speed
. Power supply	mechanical spring wound, 7 days life quartz Model in option with battery, 1 year life
. Chart	RX : Ø 223mm paper RPP : Ø 223 or Ø 300mm paper supplied with 100 charts and 2 pens
. Pressure connection	G1/2, 316L stainless steel, others in option
. Temperature stem / capillary / connection	Ø 8x100mm plain stem, 2m capillary, 316L stainless steel G1/2 sliding connection, 316L stainless steel
. Thermowell (in option)	Ø 12x100mm G1/2, 316L stainless steel
. Operating temperature	RX : 80°C max, RPP : -23°C to 95°C
. Dimensions	see order codes table
. Inclosure	RX : 316L stainless steel RPP : unbreakable polyethylene with hand grip
. Window	plexiglass
. Protection	RX : IP65, RPP : IP67
. Mounting	portable, option : RX wall mounting
. Weight	RX : 6.5kg, RPP 500 : 10.6kg



RPP Model
very high resistance



RX Model

Order code, 24h rotation speed, mechanical spring wound

Model	Inclosure	Chart	Order code
RX	280x280	Ø223	SRX D280 x*
RPP	400x300	Ø223	SRP D400 x*
	500x400	Ø300	SRP D500 x*

* Replace x by requested measuring range code according to adjacent table

Example : RPP recorder 300mm chart, pressure 0-6 bar : SRP D500 P44

In case of 2 pressure/temperature inputs version, add the second input code at the end of the order code

Order code, 7 days rotation speed

Replace D by W in the order code (example : SRP W500 P44)

Sliding connection, 316 stainless steel thermowell

Thermowell (Ø 12x100mm, G1/2)	218 365
G1/2 sliding connection	218 305

Supplies

Charts (set of 100)	add E at the end of the recorder order code
Pens (set of 5)	220 757N (black), 220 757R (red)

Options

- . Other measuring ranges
- . Quartz clockwork with battery, add Q at the end of the order code
- . Other stem Ø or lengths
- . Pressure Model with capillary and diaphragm seal
- . ATEX for RX Model, EXII2Gc or II2Dc

Measuring range codification

Pressure	Code	Temperature	Code
0 1.6 bar	P36	-200°C +50°C	T01
0 2.5 bar	P40	-100°C +50°C	T03
0 4 bar	P42	-50°C +50°C	T10
0 6 bar	P44	-40°C +40°C	T13
0 10 bar	P46	-30°C +70°C	T20
0 16 bar	P48	-20°C +60°C	T24
0 25 bar	P52	0°C +80°C	T36
0 40 bar	P54	0°C +120°C	T38
0 60 bar	P58	0°C +200°C	T40
		0°C +250°C	T41
		0°C +400°C	T43
		0°C +600°C	T45