

# Stainless Steel Chart Recorders

Type RPX-SS/RTX-SS, with mechanical spring wound clock

**RPX-SS**  
**RTX-SS**

## Standard Versions

This instrument provides accurate, reliable measurement/recording of pressure/temperature or a combination of the two those with a wide range of applications. Very suitable for offshore and higher industrial applications

### Accuracy

Case Ø163: ±1.0%F.S./class 1.0  
Case Ø223: ±1.0%F.S./class 1.0  
Case Ø300: ±1.0%F.S./±0.5 Chart Graduation

### Case

High Quality Heavy Duty Stainless Steel AISI316L;  
IP-65  
Very suitable for offshore applications and industrial fumes and for usage in the tropics  
Absolutely watertight and dustproof  
The case has a lockable front-hinged door. Rugged construction. Designed to last

### Nominal Case Size

Model RPX/PTX:  
Ø163 (6") for 192 x 192mm  
Ø223 (9") for 280 x 280mm  
Ø300 (12") for 380 x 380mm

### Wetted Parts

Model RPX: Bourdon tube, Stainless Steel AISI316  
Model RTX: Gas Filled System, Stainless Steel AISI316

### Case Configuration

Mounting device: optional panel mounting  
(H), surface mounting (B)  
transportable (T), see page 2

### Pressure Ranges (EN 837-1)

Case Ø163 and Ø223: -1/+0,6 up to 0-60 bar, acc. to DIN  
Case Ø300: vacuum, compound  
0/15 psi - 60,000 psi (0/1 bar - 4,000bar)  
For higher ranges, email to sales@itiuk.com

### Temperature Ranges

Capillary length and bulb sizes to suit -200°C to 800°C

### Ambient Temperature

-20°C to 50°C

### Process Connection

½"BSP or ½"NPT Male, Stainless Steel AISI316L  
9/16x18 UNF Female  
Other available on request

### Window

Plexiglass



### Movement

Brass, nickel plated

### Clockwork

Mechanical spring wound  
24-hour or 7 day rotation  
Others available on request

### Pen Operation

Single or double-pen, writing with long-life fiber pens on disc

## Ordering Information and options

See page 2, or alternatively email to sales@itiuk.com

## Special Versions further Options among others

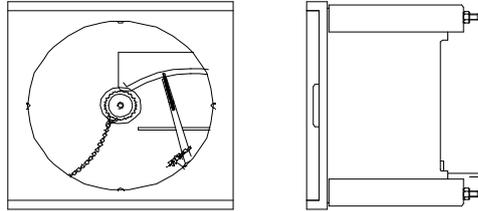
- RPX/RTX-DUPLEX, Double Measuring System
- 63mm built in pressure gauge can come in single and double measuring system, but only for the Ø300mm
- ATEX requires safety glass and blow out
- Options of Single Mechanical Clock, Switchable Mechanical Clock, or Battery Operated Clock
- Charts each with a minimum order quantity of 100 piece

# Case Configurations and Code Letters

## Types and Models Available

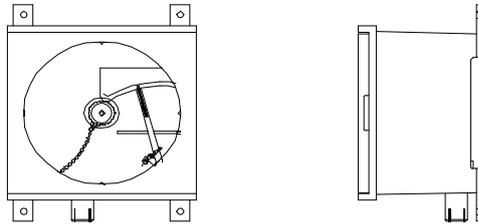
### Panel mounting

code letters: H



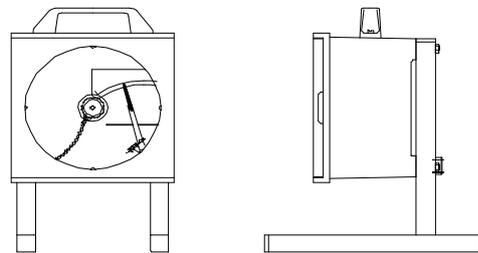
### Surface mounting

code letters: B



### Transportable

code letters: T



### Model

code letters:

**RPX** - Stainless Steel Pressure Recorder

**RTX** - Stainless Steel Temperature Recorder



**RPX**  
6"



**RTX**  
9"



**RPX**  
12"