

# CHART RECORDER

SICRA- 12 Series



The SICRA series from Stellar Instruments Pelicase Chart Recorder is a robust, portable instrument designed for precise measurement and recording of pressure and temperature and are available in three chart sizes: 6 inches, 9 inches, and 12 inches.

**SICRA- 12 Series** is specifically for the charts of size 12Inch.

Stellar employs the Pelicase cases in order to protect its chart recorders from any outside influence. Two solid components, injection moulded from a single piece and designed to provide complete protection in even the most extreme conditions.

They are made from acid-proof polyethylene, and are water and dust-tight in accordance with the IP-67 standard.

In order to guarantee that our chart recorders keep on working, we have several systems available: mains-powered, battery-operated (Swiss-made), mechanical spring-wound



## FEATURES

- Chart Ø300 / 12"
- Original Pelicase™ Case
- Vortex valve™
- IP67
- Reinforced Padlock Protectors
- Meets airline carry-on regulations
- Zero adjustable pointer
- Standard 100 charts included

## TECHNICAL SPECIFICATION

Type	Pressure And/Or Temperature Recorder
Case	500 x 400mm
Chart	Ø300mm (12") Chart
Case style	Transportable
Case Material	Black Pelicase
Window	Plexiglass
Pressure Range	<a href="#">See Appendix A</a>
Temperature range	<a href="#">See Appendix A</a>
Accuracy	Class 1,0%
Capillary length	1,000 mm
Armour material	Stainless steel 304
Stem diameter	Ø 12 mm
Stem Length	100 mm Ls=
Stem material	Stainless steel 321
Connection size	9/16"UNF x 18 HP Female (1/4"HPF)
Connection location	Lower back connection
Wetted parts	Stainless steel 316
Clock Type	<a href="#">See Appendix A</a>
Charts	Comes with 100 charts per recorder
Weight	23.4 lbs / 10,6 kg

## Appendix A

Size	Case	Code	Type	Code
6	Inch Stainless Steel	06B	1 Pen Pressure	P1
9	Inch Stainless Steel	09B	2 Pen Pressure	P2
12	Inch Stainless Steel	12B	1 Pen Temperature	T1
9	Inch Pelicase	09A	2 Pen Temperature	T2
12	Inch Pelicase	12A	1 Pen Temperature & 1 Pen Pressure	M1

Clock	Code	Connection	Code
24 h. Mechanical Single Rotation	C1	1/4"HP female Autoclave	K1
7 day Mechanical Single Rotation	C2	1/2" NPT Male	K2
24 h/7 day Mechanical Double Speed	C3		
2 hrs/30 min Mechanical Double Speed	C4		
24 h. Multispeed Battery Operated	C5		

Temperature, Optional Standard 100C

Range	Code	Range	Code
0 to 4 bar	B04X	0 to 60 psi	P60X
0 to 6 bar	B06X	0 to 100 psi	P10D
0 to 10 bar	B10X	0 to 150 psi	P15D
0 to 15 bar	B15X	0 to 200 psi	P20D
0 to 20 bar	B20X	0 to 250 psi	P25D
0 to 25 bar	B25X	0 to 300 psi	P30D
0 to 35 bar	B35X	0 to 500 psi	P50D
0 to 40 bar	B40X	0 to 600 psi	P60D
0 to 50 bar	B50X	0 to 750 psi	P75D
0 to 60 bar	B60X	0 to 1000 psi	P10C
0 to 100 bar	B10D	0 to 1500 psi	P15C
0 to 150 bar	B15D	0 to 2000 psi	P20C
0 to 160 bar	B16D	0 to 2500 psi	P25C
0 to 200 bar	B20D	0 to 3000 psi	P30C
0 to 250 bar	B25D	0 to 4000 psi	P40C
0 to 350 bar	B35D	0 to 5000 psi	P50C
0 to 400 bar	B40D	0 to 6000 psi	P60C
0 to 550 bar	B55D	0 to 7500 psi	P75C
0 to 600 bar	B60D	0 to 8000 psi	P80C
0 to 700 bar	B70D	0 to 10000 psi	P10K
0 to 800 bar	B80D	0 to 15000 psi	P15K
0 to 1000 bar	B10C	0 to 20000 psi	P20K
0 to 1500 bar	B15C	0 to 25000 psi	P25K
0 to 2000 bar	B20C	0 to 30000 psi	P30K
0 to 4000 bar	B40C	0 to 40000 psi	P40K