

BUDENBERG TECHNICAL SERVICES CHART RECORDERS



A line of chart recorders for accurate reliable measurement and recording of pressure and temperature in a wide variety of applications.

The robust construction and choice of either 304 or 316 Stainless Steel, make these an ideal unit for the arduous offshore oil and gas industry.

The chart recorders are available in 240mm Dia charts in a variety of sensors and mounting configurations to suit customer applications.

Accuracy Class

± 1% of full scale deflection

± 0.5% of full scale deflection (option on certain pressures)

Range

0 to 1 bar up to 7,000 bar or 100,000 lb/in²

-.30°C to 0 and up to 600°C

Systems

single, double, triple or duplex systems

pressure, temperature or both

Case

304 Stainless Steel

Chart Drive

High quality spring wound clock

UL certified battery operated

Chart rotation

1 speed clock, 24 hour (spring wound)

2 speed clock, 1hr - 4hr (spring wound)

2 speed clock, 2 hr - 8hr, 8 hr-24hr (spring wound)

Multi speed (Sonceboz battery operated)

Inking System

Disposable fibre tip pens

Red, green, blue

Mounting

Freestanding with lifting handle and non slip rubber feet

Panel/wall mounted

Ambient Temperature Range

Operating: -35 to +50°C

Storage: -40 to +90°C

Process Connection

1/4" NPT internal

HF4 internal (above 10,000 lb/in², 689 bar)



Pressure element

316 Stainless Steel Seamless bourdon or coil tube

Monel bourdon or coil tube

Window

High impact polycarbonate

Weight

10 Kg, system dependant

Options

Pneumatic alarm

Absolute pressures

Lockable or waterproof locking handle

Temperature effect

Variation in indication caused by temperature shall not exceed

± 0.04 x (t₂-t₁) % of the span where:

t₁ is the reference temperature in degrees Celsius

t₂ is the ambient temperature in degrees Celsius