

RECO 800 & 1200 Series Mechanical Pressure & Temperature Recorders

RECO recorders are a model of design efficiency, providing ease of use in a durable field-tested package. Accuracy and repeatability are second to none. RECO recorders are available for both 8" and 12" charts and in a variety of sensor and mounting configurations. All RECO recorders come equipped with the popular RECO Model 801 battery operated multispeed chart drive.

RECO 1200 series recorders provide enhanced resolution inherent to 12" charts. The spacious enclosure accommodates up to three recording elements. The 12" models are die cast aluminum.

RECO 800 series recorders feature the exclusive hinged pen bracket assembly to help maintain proper pen tension; sometimes difficult to maintain on other 8" chart recorders. RECO 800 series recorders are available in lightweight drawn aluminum or indestructible stainless steel housings.



Both recorders may be ordered in wall, pipe, pedestal or portable configuration. Well tester versions include storage for well test nipple, orifice plates and quick connect hoses. Accessories include piping kits, themowells and leveling saddles, charts and pens.

All helical elements produce a full 22.5 degrees of rotation, are constructed of temperature insensitive stainless steel alloy and feature full-length center posts to ensure precise movement of the coil. Temperature elements are available in a variety of configurations including full line compensation for extra long spans. Precision-formed bellows assemblies deliver accurate measurement of low pressures. It all adds up to the highest level of resolution available in a mechanical chart recorder on the market today.

RECO recorders' battery operated chart drive features all brass construction, precision machine cut gears and a positive seat quick turn adjustable chart hub. The removable clock work movement (motor) ensures that chart drive maintenance doesn't mean recalibration. The multispeed chart drive may be set to any of eight rotations.

Specifications

RECO 800 SERIES CHART RECORDER

Physical

Housing:	Deep drawn aluminum (optional stainless steel)
Dimensions:	Overall 12" x 10" x 4"
Weight:	9.5lbs (portable single pen)
Mounting:	Wall, 2" pipe mount or portable
Security:	Stainless steel padlock hasp
Coating:	Snow white powder coat
Door:	Window optional

Sensing Elements

Ranges:	Up to two (2) Stainless Steel Helical wound bourdon tubes, 22.5' rotation Beryllium Copper capsular bellows 1 3/4" x 5/8" temp sensing bulb with 10' of armored capillary
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Performance

Accuracy:	Acurate to 1/4 of 1% for pressure elements, 1/2 of 1% for temperature elements
Temperature:	-40°F to + 170°F degrees
Humidity:	5% to 95% percent non condensing

Marking System

Calibrates:	Bristol or Mercury 8" charts
Pens:	Fibertip disposable pens standard

RECO 1200 SERIES CHART RECORDER

Physical

Housing:	Cast aluminum
Dimensions:	Overall 20" x 14" x 6"
Weight:	20.7lbs (portable single pen)
Mounting:	Wall, 2" pipe mount, 2" pedestal or Portable
Security:	Optional locking hasp
Coating:	Snow white powder coat
Door:	Solid door optional

Sensing Elements

Ranges:	Up to three (3) Stainless Steel Helical wound bourdon tubes, 22.5' rotation Beryllium Copper capsular bellows 1 3/4" x 5/8" temp sensing bulb with 10' of armored capillary
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Performance

Accuracy:	Accuracy to 1/4 of 1% for pressure elements, 1/2 of 1% for temperature elements
Temperature:	-40°F to + 170°F degrees
Humidity:	5% to 95% percent non condensing

Marking System

Calibrates:	American, Bristol 12" charts
Pens:	Up to three (3) recording pens

Heath Consultants/Reynolds Equipment operates under a continual product improvement program and reserves the right to make improvements and/or changes without prior notification.