

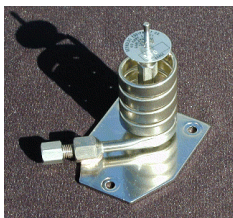
### Overview

Reynolds Equipment Company's roots are in process recording. Over thirty years ago, we handmade every recorder component from scratch. We're still exercising the same care, only under a more modern and efficient approach.

Today, the 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. The RECO exclusive hinged pen assembly is standard on all 8" recorders and all RECO recorders come equipped with the popular RECO Model 801 battery operated multispeed chart drive.

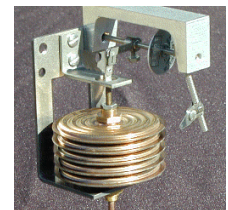


### Accuracy



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.



### Packaging & Accessories



RECO 800 series recorders are available in either lightweight drawn aluminum or indestructible stainless steel housings. The 12" models are die cast aluminum. All 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, leveling saddles, charts and pens.

## Features



RECO 1200 series recorders provide enhanced resolution inherent to 12" charts. The spacious enclosure accommodates up to four recording elements.

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.



## Battery Operated Chart Drives



Every RECO recorder features the Model 801 Battery Operated Chart Drive; the one that set the standard for convenience and flexibility. The fail proof gear train 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 (1,2,3,7,8,16,31,32 day). Model 700 single speed and spring-wound chart drives are also available in these and hourly rotations.

### **RECO 800 SERIES CHART RECORDER PRODUCT SPECIFICATION**

#### **Physical:**

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

#### **Sensing Elements:**

Up to two ranges  
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

#### **Performance:**

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

#### **Marking System:**

Calibrates to Bristol, or Mercury 8" charts  
Fibertip disposable pens standard  
800 Series Features:  
Hinged pen assembly  
RECO Model 801 multispeed Battery Operated Chart Drive

### **RECO 1200 SERIES CHART RECORDER PRODUCT SPECIFICATION**

#### **Physical:**

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

#### **Sensing Elements:**

Up to four ranges  
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

#### **Performance:**

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

#### **Marking System:**

Calibrates to American, Bristol 12" charts  
Fibertip disposable pens standard  
1200 Series Features:  
Up to four recording pens  
RECO Model 801 multispeed Battery Operated Chart Drive