



## TECHNICAL DATA SHEET

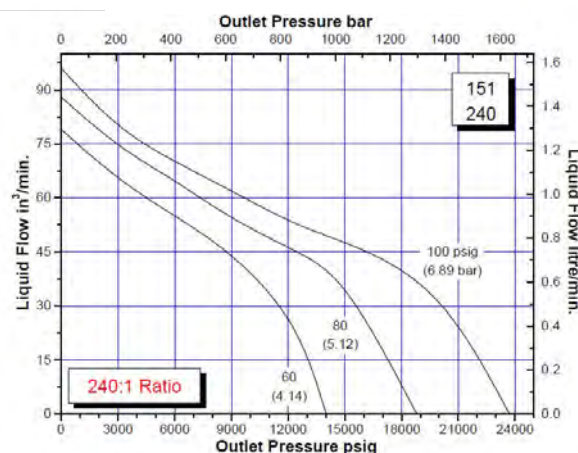
PRODUCT	<b>HYDROSTATIC TEST EQUIPMENT</b>
MODEL	<b>CR-251REX</b>
SERIES	<b>SERIE CR-REX</b>



With pressure chart recorder, air operated liquid system, lightweight portable, economic, safety, durable and easy to operate. Made in USA with highest quality components for low operational cost. CR-251REX equipment are available for use on a wide range of fluids including water, oil/hydraulic and other solubles. CR-251REX are used in most industries including Oil & Gas.

### FEATURES/BENEFITS

- Designed for easy maintenance
- Air operated liquid pump
- All tubing and fittings are stainless steel 316
- Ports: Air supply 3/8" FNPT, liquid inlet 1/2" FNPT, discharge 1/4" FHP, bleed/return 1/4" FNPT.
- CS frame, Unit weight: 70 pounds    Dimensions: : 22"L x 20"H x 14"W



### SPECIFICATIONS

Output Flow	.27 GPM (1 LPM)
Max Output Pressure	25,000 psi (1723 bar)
Air Supply	100 Psi
Inlet	1/2" female NPT
Outlet	1/4" female HP
Pump	SC-Hydraulic Ratio 240:1

### GENERAL PRODUCT INFORMATION

- When operating from 0 to rated hydraulic pressure, air consumption will be approximately 24-56 scfm of free air at 100 psi output. At lower air pressures and higher hydraulic pressures air consumption will be reduced proportionately to flow rates indicated.
- The CR-REX Series "Dry Lube" pump does not require an air line lubricator.
- Contact Hydrorex for pressure gauges calibration / certificate.
- Maintenance parts for future repairs, all components and accessories can be found on our website [www.hydrorex.com](http://www.hydrorex.com)



# Quartz-USA / Chart Recorders Pressure & Temperature

HYDROREX Barton style chart recorders are the industry standard for accurate, reliable measurement and recording of pressure, differential pressure and temperature in a variety of applications

- Suitable for use on all hydro & industrial pressures.

### Common Components

- **Case** - The case is made of rugged, lightweight die-cast aluminum that features a built-in rainshield. It is finished in polyurethane electrostatic powder paint that has a high resistance to weathering, scratches, and industrial fumes.
- **Recording Mechanism** - All parts are stainless steel for long life. The pen mount is exceptionally rugged and pen shafts are fitted with ball pivots to
- **Pressure Elements** - Are precision wound helical-type available pressure ranges up to 30,000 psi (up to 2068 bar).
- **Thermal Systems** - The systems consist of a bourdon tube, a capillary with stainless steel armor and a bulb with a bendable extension. All parts are stainless steel. Temperature ranges for each design are listed below. A thermal system must have a span of more than 50° F (27° C) and the high temperature limit must be greater than 95° F (35° C).  
Standard (fully compensated)  
-40° F to 600° F (-40° C to 315° C)



### Mechanical Chart Recorders

Is a 12" chart recorder designed to measure flow, static pressure and temperature in all industrial pressure and ambient temperatures applications.

Is available in 1 to 2 or 3 pens configurations. The additional pens can be used to record temperature and supplemental pressure data.

Pressure Chart Recorder Range:

## 0-30000 PSI (2068 BAR)

Static pressure measurements are provided by precision wound K-monel helical-type elements.

### Main Components

