



Mechanical & Electronic Recorders

“Rototherm has an unparalleled reputation and heritage within recording and control solutions, both with mechanical and electronic devices. We continue to invest and develop our products to ensure that our customers have the information and control they require.”

Talk to the experts...

- Leading manufacturer and supplier of process recorders, mechanical and electronic
- Product design and installation expertise
- Presence in over 90 countries
- Wide ranges for pressure, temperature & flow measurement
- Interchangeable parts/accessories with other manufacturer's recorders
- Easy installation and maintenance
- Durability for all types of environments: From Saudi Arabian deserts to jungles in Malaysia

Industries:

- Oil & Gas
- Refining
- Petrochemical
- Food & Dairy
- Plastics
- Textile
- HVAC

Applications:

Temperature, pressure, flow & humidity monitoring for all processes including:

- Heat Treatment
- Gas Transmission/Distribution
- Industrial Ovens/Furnaces
- Pharmaceutical Process Lines
- Dairy Pasteurisation
- Hydrostatic Pressure Testing

Circular Chart Recorders

Mechanical Recorder (12")

Clearscan



- Any Combination of Temperature, Pressure and Flow: 1, 2 or 3 pen
- 1% measurement accuracy
- 12 inch chart sizes
- Panel, wall, pipe mounting or portable options available
- Battery or mechanical chart drive
- Very robust and proven design
- Light weight construction (<10kg)
- Standard Steel Epoxy coated case or Stainless Steel case available for harsh environments
- Simple installation and maintenance

Mechanical Recorder (9")

RPO/RTO



- Any combination of pressure and temperature recording: 1,2 or 3 pen
- Small tough compact Steel Epoxy coated case
- 1% measurement accuracy
- 9 inch chart sizes
- Panel, wall and pipe mounting or portable options available
- Battery or mechanical chart drive
- Very robust and proven design
- Low cost solution for chart recording

Electronic Recorder

Sentinel



- Any Combination of Temperature, Pressure, Flow and Humidity: 1, 2 or 3 pen
- IP66 construction
- Panel or surface mounting
- Configurable via front panel keypad
- 0.1% measurement accuracy
- Weight: 7 kg (Single Pen), 7.7 kg (3 pens)
- Alarms available
- Steel case
- Transmitter model SME162 required for humidity measurement

Pens, Charts & Accessories

For Rototherm Chart Recorders



A complete range of charts, pens and accessories suitable for all Rototherm recorders are kept in stock, many of our accessories are interchangeable with other manufacturer's recorders.

Eurotherm Partnership

Our partnership with Eurotherm allows us to introduce the following products to our portfolio, ensuring that we can offer a solution for all types of process control, measurement, data management and services.

Eurotherm.
by **Schneider Electric**

Digital Recorder & Controller

iTrak 200 - Entry Level



- Secure data recording
- 2 PID control loops
- Dual programmer
- 4 High accuracy universal inputs
- USB removable data storage facility
- 50MB flash memory
- Ethernet communication
- Full colour 1/4 VGA crystal clear display
- 30 virtual channels
- Relative Humidity Application
- Multiple I/O options
- Cascade with auto-tune
- Multi-language support (French, German, Italian and Spanish)
- 1/4 DIN panel mount

Digital Recorder & Controller

iTrak 300, iTrak 400



- Secure data recording
- Full colour, high resolution, touch screen display
- Up to 18 universal input channels
- Batch functionality
- Remote viewing and configuration
- Full audit trail
- USB "Plug & Play" & Local printing
- Access via LAN, Intranet or Internet
- Portable version available
- 12.1" or 5.5" XGA touchscreen display
- Ethernet and serial communications
- Email / SMS notification
- Input accuracy with a 125 ms total sample rate
- Configurable channels

Indicators

Digital Indicator

iTrak 100



- Accurate display of temperature & process measurements
- Universal input
- Simple "Quick Start" operation, very easy to use
- Strain gauge input
- Changeover relay
- PV Retransmission
- Scrolling text messages (in multiple languages)
- Parameter help text
- Modbus comms
- Additional alarm function