

Recorder Selection Guide



Paperless Recorders

Model Series	RD8250	RD9900	RD8800	RD-MV	RD8900
Base Price	\$745	\$2500	\$1395	\$2425	\$1945
Page No.	S-7	S-9	S-13	S-15	S-19
Style	Monochrome	Color	Color or Mono	Color	Color
Inputs*	Universal	Universal	Universal	Universal	Universal
Channels	1 or 2	6 or 12	2, 4, 6 or 12	2 to 30	1 to 18
Sample Rate	0.01 sec to 10 min	100 m sec	0.25 sec to 10 min	0.125 sec to 30 min	0.2 sec and logs to 120 sec
Features	PCMCIA memory card, CE optional	Ethernet, USB DAS Software	Ethernet, 3½" disk, CE	Ethernet, 3½" disk, CE optional	Ethernet, Flash mem CE, CSA

* Note: Universal inputs are programmable for T/C, RTD, mV, V.



Vertical, Trend and Digital Print Recorders

Model Series	RD200	RD2800	RD100A	RD1800
Base Price	\$1430	\$1850	\$1465	\$2015
Page No.	S-23	S-23	S-31	S-31
Style	Vertical	Vertical	Vertical	Vertical
Inputs*	Universal	Universal	Universal	Universal
Channels	up to 6	up to 24	up to 6	up to 24
Chart Size	100 mm	180 mm	100 mm	180 mm
Chart Speed	1 to 1500 mm/hr	1 to 600 mm/hr	5 to 12,000 mm/hr	5 to 12,000 mm/hr
Features	RS232C, 422A, 485, Ethernet, Math, Flow, Das Software	RS232C, 422A, 485, Ethernet, Math, Flow, Das Software	RS422A, Digital Print, CE optional	RS422A, Digital Print, CE optional

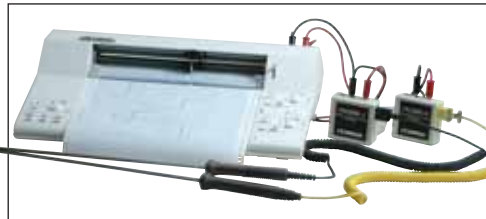
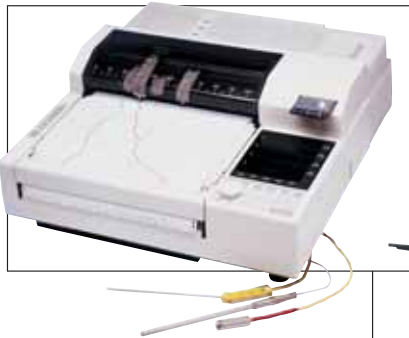
* Note: Universal inputs are programmable for T/C, RTD, mV, V.



Hybrid Recorders and Loggers

Model Series	RD250	DR130	DR231/241
Base Price	\$3296	\$3969	\$4835
Page No.	S-35	S-39	S-41
Style	Verical	Hybrid	Hybrid
Inputs*	Universal	Universal	Universal
Channels	up to 24	10 or 20	up to 30
Chart Size	250 mm	180 mm	250 mm
Chart speed	15 to 60 mm/hr	1 to 1500 mm/hr	1 to 1500 mm/hr
Features		3/2" disk, CE optional	3/2" disk, CE optional

* Note: Universal inputs are programmable for T/C, RTD, mV, V.

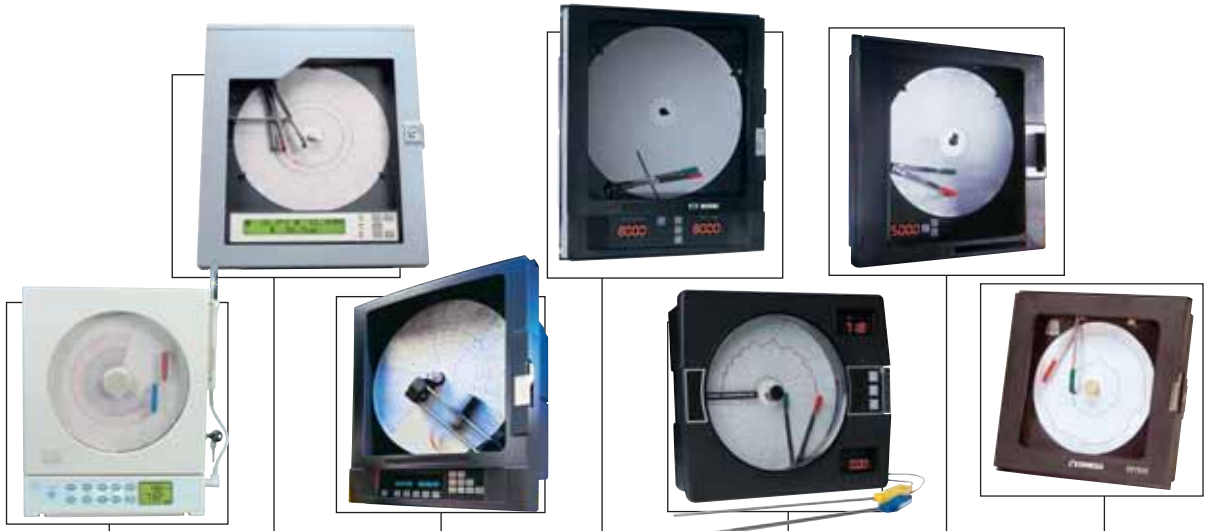


Model Series	RD3720	RD45A/RD46A	RD255, 88, 92
Base Price	\$1775	\$1670	\$687
Page No.	S-45	S-49	S-76
Style	Flatbed	Flatbed	Vertical
Inputs*	V, TC, RTD	mV, V	mV, TC, Event,
Channels	up to 4	1 or 2	1
Chart Size	200 mm	200 mm	2.3"
Chart Speed	10 mm/hr- 1200 mm/m	0.1 mm/m 20 mm/s	1 inch/hr
Features	Display print option	Home and grid functions, CE	Compact Benchtop

* Note: Universal inputs are programmable for T/C, RTD, mV, V.

Recorder Selection Guide

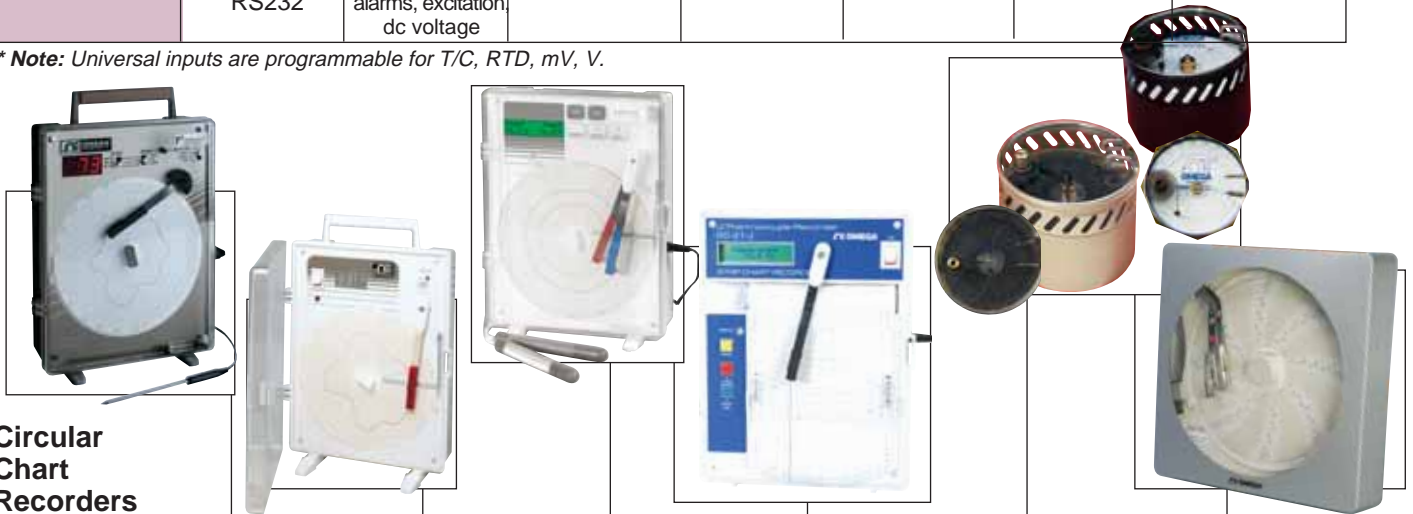
Circular Chart Recorders



Model Series	CTXL	CT6100	CT9000	CT8100	CT7000	CT5100	CT7300
Base Price	\$795	\$1450	\$1922	\$1063	\$892	\$760	\$725
Page No.	S-51	S-55	S-57	S-57	S-58	S-58	S-59
Style	Circular	Circular	Circular	Circular	Circular	Circular	Circular
Inputs*	Universal	Universal	Universal	Universal	Universal	V, TC, RTD	Universal
Channels	2	1, 2 or 3	up to 4	2	2	2	2
Chart Size	8"	9.6"	10, 11, or 12"	12"	10"	10"	10"
Chart Speed	1/7/32 day/rev day/rev	1/7/32 hr/rev	6 to 9999 or 7 day/rev	0.1 to 999 hr/rev	0.1 to 999 hr/rev	5 Selectable	0.1 to 999 hr/rev
Features	Dual display, data storage, RS232	Large LCD display, std alarms, excitation, dc voltage	Rack mount option, CE	Control option CE	Easy setup, CE	Easy setup, CE option	Easy setup, CE

* Note: Universal inputs are programmable for T/C, RTD, mV, V.

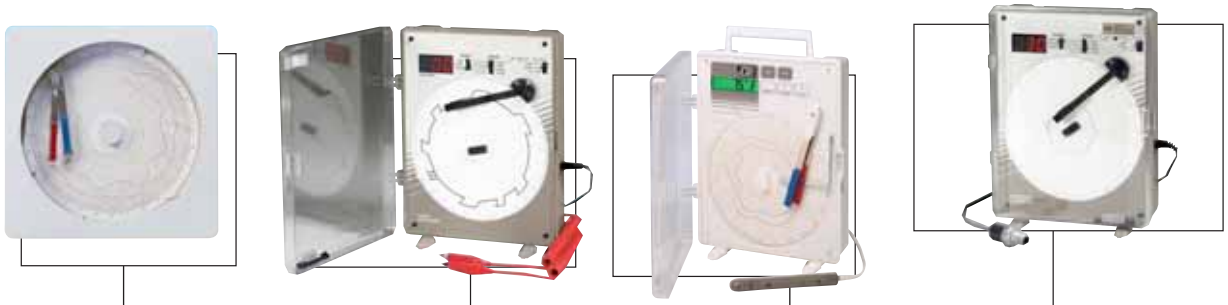
Circular Chart Recorders



Model Series	CT87	CT88	CT82	RD-87	CT-100A	CTH200
Base Price	\$294	\$132	\$461	\$399	\$605	\$400
Page No.	S-75	S-73	S-77	S-65	S-69	S-70
Style	Circular	Circular	Circular	Circular	Circular	Circular
Inputs*	J-TC	Bi-metal	Temperature	Temp, Hu, current, voltage	Temperature	Temperature Humidity
Channels	1	1	2	1	1	2
Chart Size	6"	6"	6"	4"	3"	6.5"
Chart Speed	7 day/ rev	24 hr or 7 day/rev	6/24 hr or 7 day/rev	1/2 cm/hr to 8 cm/hr	1 hr 1 or 7 day	1/8/32 day/rev
Features	Battery backup, CE	Low cost, CE	Battery backup, CE	Alarm with relay and beeper	No power required	Battery operated, °F/°C switch

* Note: Universal inputs are programmable for T/C, RTD, mV, V.

Circular Chart Recorders



Model Series	CTH100	CT87V	CTH89	CTH87P
Base Price	\$300	\$302	\$480	\$378
Page No.	S-71	S-72	S-73	S-75
Style	Circular	Circular	Circular	Circular
Inputs*	Temp, RH	Temperature	Temp, RH	Pressure
Channels	2	1	2	1
Chart Size	6.5"	6"	6"	6"
Chart Speed	7 day/rev	6/24 hr or 7/31 day/rev	12/24 hr or 7 day/rev	1, 8, or 32 day/rev
Features	Battery operated, CE	4 ranges LED display	Battery backup, CE	1 to 500 psi or 0 to 35 bar, CE

* Note: Universal inputs are programmable for T/C, RTD, mV, V.

RD9912, \$3200, shown smaller than actual size, see page S-9.



RD206, \$1560, shown smaller than actual size, see page S-23.

CTXL-TRH, \$795, shown smaller than actual size, see page S-51.



CT6103, \$2312, shown smaller than actual size, see page S-55.





UNITED STATES

www.omega.com
1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca
Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de
Deckenpfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk
Manchester, England
0800-488-488

FRANCE

www.omega.fr
Guyancourt, France
088-466-342

CZECH REPUBLIC

www.omegaeng.cz
Karviná, Czech Republic
596-311-899

BENELUX

www.omega.nl
Amstelveen, NL
0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters