

Circular Chart Recorders

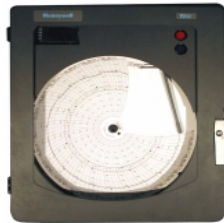


Features	DR4300 Basic	DR4300 Enhanced	DR4500Classic
Chart Size / Screen Size	254 mm (10.0 in)	254 mm (10.0 in)	305 mm (12.0 in)
Number of Inputs	Up to 2	Up to 2	Up to 2
Input Signal Type	Thermocouple, RTD, 4 mA to 20 mA, mV, V	Thermocouple, RTD, 4 mA to 20 mA, mV, V	Thermocouple, RTD, 4 mA to 20 mA, mV, V Radimatic
Scan Rate	330 ms	330 ms	330 ms/2 Inputs
Chart Speed/Display rate	24 hrs., 7 Days	1 hr/rev. to 744 hr/rev.	1 hr/rev. to 744 hr/rev.
Accuracy	0.35%	0.10% typical	0.10%typical
Display	None	VFD	VFD
Control Output	None	Current Proportioning, Time Proportioning, Heat/Cool Duplex	Current Proportioning, time proportioning, heat/ciik duplex, Position Proportioning
Loops of Control	None	Up to 2	Up to 2
Alarms	None	2 per pen	Up to 6
Digital Inputs	0	2 per pen	2
Auxiliary Output	None	1 per pen	Up to 3
Totalizer(s)	None	1 per pen	1 per pen
Math Functions	No	No	No
Communications	No	RS-485 Modbus	RS-485 Modbus
Chart Type	Pre-formatted Charts	Pre-formatted Charts	Preprinted gridlines
Chart Documentation and Messages	No	No	No
Setpoint Program	No	Yes	SP Ramp
Profiles / Segments	No	4/24 24 segments across 4 profiles	No
Front Face Protection Rating	IP65/NEMA3	IP65/NEMA3	IP65/NEMA3, optional NEMA4X
Product Configuration	Dip Switches	Keypad/Prompts	Keypad/Prompts
Case Size (W x H x D)	356 mmx 356 mm x 107 mm (14 in x 14 in x 4.2 in)	356 mmx 356 mm x 107 mm (14 in x 14 in x 4.2 in)	356 mmx 419 mm x 107 mm (14 in x 16.5 in x 4.2 in)
Instrument Power	90 Vac to 250 Vac	90 Vac to 250 Vac	120/240 VAC
Approval	CE ,CSA, UL	CE, CSA, UL, FM Limit	CE, CSA, UL, FM
Availability	Global	Global	Global
Recorder Type	Circular		
Transmitter Power	Yes		
Data Storage	No		
Cutout Size (WxH)	323 mm x 323 mm (12.7 in x 12.7 in)		
Portable Case	No		

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Features	DR4500 HTST Model	DR4500 Truline	DR4500 W Model
Chart Size / Screen Size	305 mm (12.0 in)	305 mm (12.0 in)	305 mm (12.0 in)
Number of Inputs	Up to 4	Up to 4	Up to 4
Input Signal Type	Thermocouple, RTD, 4 mA to 20 mA, mV, V,	Thermocouple, RTD, 4 mA to 20 mA, mV, V, Radimatic	Thermocouple, RTD, 4 mA to 20 mA, mV, V, Radimatic
Scan Rate	330 ms/2 Inputs	330 ms/2 Inputs	330 ms/2 Inputs
Chart Speed/Display rate	6 hr/rev. to 744 hr/rev.	6 hr/rev. to 744 hr/rev.	6 hr/rev. to 744 hr/rev.
Accuracy	0.10% typical	0.10% typical	0.10% typical
Display	VFD	VFD	VFD
Control Output	Current proportioning with Divert Control Output	Current Proportioning, Time Proportioning, heat/cool duplex, Position Proportioning	Pulse Output
Loops of Control	Up to 2	Up to 2	Up to 2
Alarms	None	Up to 6	Up to 6
Digital Inputs	2	2	2
Auxiliary Output	1	up to 3	up to 3
Totalizer(s)	None	1 or 2	Up to 4
Math Functions	No	Yes	Yes
Communications	No	RS-485 Modbus	RS-485 Modbus
Chart Type	Thermal - Self Generated	Thermal - Self Generated	Thermal - Self Generated
Chart Documentation and Messages	Yes	yes	yes
Setpoint Program	No	Yes	No
Profiles / Segments	No	6/36	No
Front Face Protection Rating	IP65/NEMA3, optional NEMA4X	NEMA4X	IP65/NEMA3, optional NEMA4X
Product Configuration	Keypad/Prompts	Keypad/Prompts	Keypad/Prompts
Case Size (W x H x D)	356 mm x 419 mm x 107 mm (14 in x 16.5 in x 4.2 in)	356 mm x 419 mm x 107 mm (14 in x 16.5 in x 4.2 in)	356 mm x 419 mm x 107 mm (14 in x 16.5 in x 4.2 in)
Instrument Power	120/240 VAC	120/240 VAC	120/240 VAC
Approval	CSA, UL	CE, CSA, UL, FM	CE, CSA, UL
Availability	North America, Latin America, and Asia Pacific	Global	Global
Recorder Type		Circular	
Transmitter Power		Yes	
Data Storage		No	
Cutout Size (WxH)		323 mm x 323 mm (12.7 in x 12.7 in)	
Portable Case		No	