Temperature Recorders

OMEGALINE® 640 Single and High **Performance Flatbed**

Model 640-1MV **High Performance Recorder S**4 **Basic Unit**



State-of-The-Art Features

- Direct Temperature Readout
- Quartz-Controlled **12 Speed Chart Drive** 1, 2, 3, 6, 12, 30 cm/hr 1, 3, 6, 12, 30, 60, 120 cm/min (1 cm = 0.3937")
- ✓ Up to 3-Channels in a Compact Case

Quality

- Backed by 40 Years of OMEGA ENGINEERING Experience
- Rugged, Scratch-**Resistant Case**
- Tilt Stand/Carryin Handle

Value

- Precision Instrumentation
- Easy-to ace ble Per Dispo
- Roll ber
- 🛩 250 m

MODULE

Variable Ranges

(amplify inputs up to 2½ times) **17 Ranges:** 1, 2, 5, 10, 20, 50, 100, 200, 500 mV; 1, 2, 5, 10, 20, 50,100, 200 V Zero Offset: 0, -100%, -200% in steps; -100% to 105% continuous Linearity: 0.25%

Widt



omega.com

S-47

Paper

Temperature Recorders OMEGALINE® Accessories and Options



OMEGALINE® 640 Chart Accuracy: 30 ppm: 20 to 25°C (68 to 77°F); 70 ppm, 0 to 50°C (32 to 122°F) Drive Resolution: 0.078 mm per step (128 per cm) **External Chart Control:** Pulse, stop, reverse by TTL or CMOS signal Slew Speed: 50/cm/s (2"/sec) Linearity: 0.25% **Dead Band:** 0.5% Input: Floating, asymmetrical; 250 V max. **TEMPCO:** The greater of: 0.01%/°C or 5 µV/°C Input Current: 10 mA max. **Thermocouple Inputs:** ANSI Type J and K **Thermocouple Source Impedance:** 1000 Ω max

		NOST POPULAR MODELS HIGHLIGHTED!	
To Order (Specify Model No.)			
Model No	Price	Description	
640-1MV	\$2779	Recorder, 1 channel with mV module	
640-1V	2809	Recorder, 1 channel with V module	
640-1J	2911	Recorder, 1 channel with J module	
640-2MV	<mark>373</mark> 6	Recorder, 2 channels with mV modules	
640-2V	39 46	Recorder, 2 channels with V modules	
640-2J	4151	Recorder, 2 channels with J modules	
640-3MV	4976	Recorder, 3 channels with mV modules	
640-3V	5293	Recorder, 3 channels with V modules	
640-3J	55 <mark>99</mark>	Recorder, 3 channels with J modules	
* To order recorder with K or CV module replace "J" with appropriate module suffix, same price as J model. (For 2 or 3 channel recorders, modules may be mixed as a special order.) Unit comes complete with roll of paper, pen (per channel), and manual. OMEGACARE [™] extended warranty program is available for models shown on this page. OMEGACARE [™] covers parts, labor, and equivalent loaners. Ask your sales representative for full details when placing an order.			

Ordering Exampley 640-1MV, 1 channel recorder with mV module, **\$2779. OCW-3** OMEGAOARESM extends standard 2-year warranty to a total of 5 years (\$350), \$2779 + 350 = **\$3129.**

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Model 640 shown smaller than actual size

Options				
Suffix	Price	Description		
-PS	\$498	Pen Synchronization on 2 channel unit		
-PS	498	Pen Synchronization on 3 channel unit		
-E01	30	Rear input 8-pin plug (for one V, MV, or CV module)		
-E03	498	Electronic pen lift		
-E314	328	Carrying case		
Accessories				
Model No.	Price	Description		
SL-RP	\$15	Paper roll, 250 mm x 32 m (10" x 105')		
SL-301	25	Pens, qty 3, red, channel 1		
SL-302	25	Pens, qty 3, blue, channel 2		
SL-303	25	Pens, qty 3, green,channel 3		
PE-1406	125	Reference Book: Fundamentals of Industrial Control: Practical Guides for Measurement and Control		

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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

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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

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