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Find the *GSI Lumonics AR-200* at our website: *Click HERE*

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AR-200P

Versatile Flat Bed Recorder for Medical Instrumentation





GSI Lumonics is a leader in developing and producing thermal printers. Our products have been ISO 9001 certified since 1994 and are used widely by leading medical and laboratory instrument manufacturers.

- Simultaneous recording of up to 32 overlapping traces, with 12 lines of floating annotation
- Chart speeds continuously variable from 1 mm/hr to 100 mm/sec
- Parallel (Centronics-compatible) interface card includes built in buffers to minimize host's CPU time and permit buffering of Windows input data
- Development kit available

GSI Lumonics

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The *AR-200P* is a reliable, easy-to-use, flat-bed recorder with a number of unique operator features. Rugged and reliable, it is at home in a variety of environments, and although it provides 8.5-inch records, it is surprisingly compact.

Outstanding versatility, up to 32 input channels can produce simultaneously-recorded, overlapping waveforms with up to 12 lines of floating annotation. The flat recorder surface aids manual, on-the-fly notation. Text, traces and graphics can print simultaneously, without mode selection. Background grids can be user-designed and stored in printer memory to meet specific data requirements.

Sharp, accurate recording, The *AR-200P* provides records that are sharp and well-defined, facilitating detailed study and analysis. Its high printing resolution (up to 800 dpi) along the x-axis, together with chart speeds continuously variable from 1 mm/hr to 100 mm/sec make it possible to create high-definition records of a broad range of physical phenomena. The continuous waveforms are created on smooth, white Z-fold paper that is extremely quick and simple to load, and can be readily stored, filed and handled

GSI Lumonics' standard printer models are designed to meet the needs of many OEM users, virtually off the shelf. Frequently, however, instrument manufacturers approach us with special hardware and/or software requirements, and over the years, GSI Lumonics has built a solid reputation for responding effectively. Custom printers, ranging from standard units with only minor configuration changes to major modifications and even complete instrument re-designs are routinely handled. Our Engineering and Production Departments are uniquely organized to react rapidly and efficiently to special needs. Designs, prototypes and even relatively short production runs can be completed with surprising speed and efficiency. If you have a special recorder requirement, contact GSI Lumonics.

MECHANICAL/ELECTRICAL	
Paper Type:	Z-fold
Paper Capacity:	300 feet
Case Color:	PMS Cool Gray 2C/4C
Weight:	9.5 kg (20.9 lbs.)
Overall Dimensions:	269 mm W x 127 mm H x 427 mm (11" W x 5" H x 16.8" D)
Input Power (max.):	90W
Input Voltage:	Print Supply 90-240 VAC (50-60 Hz)
SENSORS & PROTECTION	
Sensors:	Door Open, Cue Mark, Paper Out Printhead Temperature
Printhead Protection:	Pulse Width, Voltage, Temperature Monitoring and WearEqualizer
Static Protection:	Built-In AntiStatic Devices
INTERFACING	
	Parallel Centronic

OUTPUT	
Printing Method:	Direct Thermal
Print Resolution:	Y-axis: 203 dpi (8 dots/mm) X-axis: (up to 25 mm/sec) 800 dpi (32 dots/mm) X-axis: (>25 mm/sec, <50 mm/sec) 400 dpi (16 dots/mm) X-axis: (>50 mm/sec) 200 dpi (8 dots/mm)
Overlapping Traces:	32
Trace Options:	4 widths; envelope mode; dashing, scaling
Real Time Annotation:	12 Lines (Max)
Grid:	Standard or User-Defined
Background Text:	Horizontal or Vertical Orientation
Background Graphics:	All dots addressable
Text Mode:	Universal
Chart Speed Range:	1 mm/hr - 100 mm/sec
Print Width:	212 mm

Specifications are subject to change. Consult GSI Lumonics for details.

GSI Lumonics

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