



HS-MD3000E

A specialist in all disciplines



Where people's well-being and health are concerned, performing with expertise and perfection is not only a sign of professionalism: it's a duty. And Mitsubishi has again fulfilled this responsibility. With HS-MD3000E, the new video recorder engineered to meet the high quality demands modern medicine places on technical equipment. As a specialist with many talents, it is the only recorder capable of playing both VHS and S-VHS video footage. By means of optional interface cards, it can be connected directly to ultrasonic, endoscopic or micro photographic systems. And thanks to newly developed digital functions, it delivers exceptionally sharp, undistorted individual images and flawless slow-motion sequences. And of course the recorder offers extremely high resolution: 400 lines in S-VHS and 240 in VHS mode. High-profile in quality and technology, it keeps a low profile as an assistant in your examination and operating rooms – weighing in at 6.5 kg (14.3 lbs.), with compact dimensions, the HS-MD3000E is the smallest recorder of its kind.

And operating at only max. 0.4 to 0.2 amps, it's a real energy-saver. An interesting by-product: the recorder's energy-efficient components generate so little heat that it was designed without a ventilator. In addition to its other outstanding features, the HS-MD3000E is thus exceptionally quiet, too.

- Voice recorder lets you add sound to recorded images
- Easily understandable controls, with lighted keys and dimmer function
- High-speed forward and rewind help you to quickly locate individual images
- Search option according to index, date and time of day



HS-MD3000E

Model	HS-MD3000E
Power supply	AC 100 to 230 V \pm 10 %, 50/60 Hz Power consumption: approx. 0.4 to 0.2 A
Signal format	CCIR standard, PAL, 625 lines, 50 pictures
Recording system/type	Luminance signal: FM system: 50 compressed fields
Recording medium	S-VHS, VHS
Recording speed	23.39 mm/sec.
Recording time	180 minutes (with E-180 video cassettes)
Fast forward and reverse time	Approx. 110 sec. (E 180 video cassettes use)
Audio channels	2 hifi channels, 1 Mono channel, RCA socket
Video input	S video (Y signal): 1.0 (Vpp) 75 Ω , (C signal): 0.300 (Vpp) 75 Ω , BNC jack: 1.0 (Vpp) 75 Ω
Video output	S video (Y signal): 1.0 (Vpp) 75 Ω , (C signal): 0.300 (Vpp) 75 Ω , BNC jack: 1.0 (Vpp) 75 Ω
Horizontal resolution	S-VHS mode: more than 400 TV lines VHS mode: more than 240 TV lines
Signal-to-noise ratio of the picture	Over 42 dB
Audio input	Line-in (CH-1, CH-2): 346 mV, 47 K Ω (2x RCA jacks) Microphone input: 0.775 mV, 600 Ω (mini-jack mono)
Audio output	Line-out (CH-1, CH-2): 346 mV, 1 K Ω (2x RCA jacks) Monitor output (mono): 346 mV, 1 K Ω (2x RCA jacks)
Dynamic range	Over 90 dB (hifi audio)
Dimensions (W x D x H)	270 x 366 x 125 mm
Weight	6.5 kg
Regulatory	UL 2601-1, CSA C22.2 No 601-1, EN144 [^] , EN 60601-1, FCC part 15 subpart BclassB, ICES-003 ClassB, EN60601-1-2
Optional accessories	R-3001 wire remote control, interface card for RS-232C/USB R-3002, 34-pin interface card for parallel connection R-3003

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