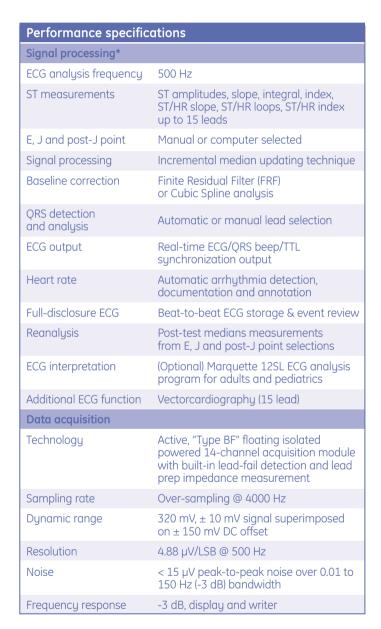
## **CASE**

# Cardiac Assessment System for Exercise Testing





High-pass filter	0.01 (or 0.05 Hz, special use) with DC offset control
Low-pass filter	20, 40, 100, 150 Hz (selectable)
Line filter	50.0 or 60.0 Hz notch filter (selectable)
Baseline correction	Cubic Spline algorithm
Artifact/baseline	Finite Residual Filter (FRF) analysis
correction	
Common mode rejection	> 140 dB (123 dB with AC filter disabled)
Input impedance	> 10 M Ohms @ 10 Hz, defibrillator protected
Patient leakage	< 10 µA
Pace detect	Orthogonal LA, LL and V6; 750 $\mu$ V @ 50 $\mu$ s
Communications/storag	e*
MUSE systems compatible	e via diskette; network (optional)
MUSE Web compatible fo of MUSE system data	r retrieval view and printing
Local storage	Minimum 40 GB hard drive storage of complete ECG record and test results
PDF export of final reports Microsoft Word and Excel	s with auto naming protocols also from
XML export of specified do	ata
CASE network server with	editing workstations
Windows® XP operating s	ystem
Display	
Display type	LCD (flat panel display)
Display resolution (minimum)	LCD-1280 x 1024
Display size	17- or 19-inch LCD
Monitored leads	3, 6, 12 or 15
Displayed leads	Number on screen 3, 6, 12 or 15



Display (cont.)	
Display format	3 rhythm, 3 rhythm + medians, 3 rhythm + trends, 6 rhythm, 4 x 2.5 + 1 rhythm, 2 x 6
Display speeds	25, 50 mm/s
Display sensitivity/gain	2.5, 5, 10, 20 mm/mV
Displayed vital signs data (configurable)	Heart rate, target heart rate, blood pressure, exercise clock, stage clock, phase clock, protocol, speed, grade, Watts, METS, RRP and SpO <sub>2</sub>
Displayed data	ST scan/median complexes, arrhythmias, ventricular ectopic/min counter, 3 to 12 lead waveforms, lead check torso and 12 leads, waterfall display, trends, tabular summary, stored ECG strips, interpretation, time-of-day clock, patient name, warning messages and prompts
Writer**	
Writer technology	"Instant" load, thermal dot array
Writer leads	3, 6, 12 or 15 leads (standard, NEHB, Cabrera, configurable)
Writer speeds	5, 12.5, 25 and 50 mm/sec (± 2%)
Writer sensitivity/gain	2.5, 5, 10 or 20 mm/mV (± 5%)
Writer resolution	Horizontal 1000 lines/sec x 200 dpi dedicated local printing. 200 x 200 dpi generic printing
Paper type	Thermal, perforated, fan-fold, 300 sheets/pack
Paper size	A size 214.63 x 280 mm (8.45 x 11 in); A4 size 210 x 297.5 mm (8.27 x 11.0 in)

#### Certification

UL classification, CSA classification, CE marking

#### Warranty

Standard warranty is one year

### **Ordering information**

Available in: Czech, Danish, Dutch, English, French, German, Hungarian, Italian, Spanish, Swedish, Japanese, Chinese, Norwegian, Polish and Russian

#### **Accessories**

Accessories available from www.gehealthcare.com

GE Medical Systems Information Technologies GmbH Munzinger Strasse 3 79111 Freiburg, Germany Tel. +49 761 4543 0 • Fax +49 761 4543 233

www.gehealthcare.com



	(LCD Display rotates vertical and horizontal for optimum viewing
Width	62 cm (24 in) with paper tray removed
Depth	75 cm (30 in)
Weight	68 kg (150 lb) without monitor
Interfaces included	Acquisition module Keyboard (PS/2) anti dedicated stress keypad (USB) Mouse (PS/2) Built-in thermal printer (USB) 100 Mbps ethernet MUSE compatible 6 serial ports: (COM 1-2, COM A-D) treadmill, BP, ergometer, SpO <sub>2</sub> 4 analog and 1 TTL (trigger) output analog ergometer, camera syncetc Diskette drive: 3 1/2 in, 1.44 Mb PC-compatible for data storage CD-R/W drive: readable for software updates; archivable data optional
Environmental specifi	cations
Power requirements	
Power supply	AC operation only
Power supply Operating voltage range	AC operation only 100-120 VAC 50-60 Hz, 2.8 A 200-240 VAC 50-60 Hz, 1.4 A
	100-120 VAC 50-60 Hz, 2.8 A 200-240 VAC
Operating voltage range	100-120 VAC 50-60 Hz, 2.8 A 200-240 VAC 50-60 Hz, 1.4 A 350 W max (1200 BTU/Hr) < 250 W normal (850 BTU/Hr)
Operating voltage range  Power consumption	100-120 VAC 50-60 Hz, 2.8 A 200-240 VAC 50-60 Hz, 1.4 A 350 W max (1200 BTU/Hr) < 250 W normal (850 BTU/Hr)
Operating voltage range  Power consumption  Operating conditions	100-120 VAC 50-60 Hz, 2.8 A 200-240 VAC 50-60 Hz, 1.4 A 350 W max (1200 BTU/Hr) < 250 W normal (850 BTU/Hr) < 30 W standby (100 BTU/Hr)
Operating voltage range  Power consumption  Operating conditions  Temperature	100-120 VAC 50-60 Hz, 2.8 A 200-240 VAC 50-60 Hz, 1.4 A 350 W max (1200 BTU/Hr) < 250 W normal (850 BTU/Hr) < 30 W standby (100 BTU/Hr)  +10 to 40°C (+50 to 104°F) 20 to 95% RH non-condensing
Operating voltage range  Power consumption  Operating conditions  Temperature  Humidity	100-120 VAC 50-60 Hz, 2.8 A 200-240 VAC 50-60 Hz, 1.4 A 350 W max (1200 BTU/Hr) < 250 W normal (850 BTU/Hr) < 30 W standby (100 BTU/Hr)  +10 to 40°C (+50 to 104°F) 20 to 95% RH non-condensing

148 cm (58 in) with no monitor installed

Physical specifications

Height

- \* partly optional \*\* not in CASE Basic

©2005 General Electric Company – All rights reserved.

General Electric Company reserves the right to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation.

GE, GE Monogram, CASE®, Centricity®, Marquette® 12SL™ and MUSE® are trademarks of General Electric Companu.

Adobe® and Acrobat® are trademarks of Adobe Systems Inc. Pentium® is a trademark of Intel Corporation.

Windows® and Microsoft® are trademarks of Microsoft Corporation.

GE Medical Systems Information Technologies,

a General Electric company, going to market as GE Healthcare.