



Happier Living Everyday



STRESS TEST SYSTEM  
**DYNATRAC**

A16317



ISO 13485:2003  
ISO 9001:2000

BPL Limited

# TECHNICAL SPECIFICATIONS

<b>Data Acquisition</b>	Sampling Rate Acquisition Leads Input Dynamics Input Impedance Time Constant CMRR DF Protection Patient Leakage Frequency Response Digital Filters (Linear Phase)	400 Samples/sec Simultaneous 12 lead acquisition, 12 bits Standard 12 leads: Acquired 8 leads, Reconstructed 4 leads (111, aVR, aVL, aVF) ± 300mV @ 0Hz; ± 10mV in pass band >100M Ohms 3.2 Seconds 90dB @ 50 Hz Internal <10µA 0.5Hz to 100Hz Mains Interference : 50Hz Notch Filter (always present) Anti-Drift Filter : 0.5Hz (13dB) (always present)
<b>Signal Processing</b>	ECG Analysis QRS Detection Calculated Parameters Fiducial Points Enlarged Median Lead Median update Interval	200 Samples/sec Single lead (Selectable) ST-Level, ST-Slope, HR, METS Auto or Manual Selection Auto Lead selection (Lead having minimum ST level) or Manual Lead selection Every 8 secs
<b>Display</b>	Display Resolution ECG Display Format ECG Display Speed ECG Display Sensitivity Event Marker Displayed Data Filter	1024 x 768 3 lead + 12 median or 6 lead + 12 median or 12 lead + 12 median 25mm/sec or 50mm/sec 5 or 10 or 20mm/mV Yes HR, Target HR, BP, Stage Time, Test Time, Speed, Grade, METS, Protocol name, Protocol Stage, ST-Level, ST-Slope, Leadoff information and Patient Name 20Hz or 40 Hz or No filter (Selectable)
<b>Printing</b>	Print Format Paper Size Printing Speed Printing Sensitivity Filter Printouts	User defined reports; Printout with / without grid Plain Paper A4 size 25mm/sec 10mm/mV 20Hz or 40 Hz No filter (Selectable) Automatic stage printouts and real time printouts
<b>Review</b>	Full Disclosure ECG Marked Events Trend Graphs	Beat-to beat raw ECG record of complete exercise Review of marked events Trend graph of HR, ST-Level, ST-Slope, BP and J-amplitude
<b>Data Storage</b>	Local Storage External Storage	On hard disk, separate folder for each test Selected records can be exported to CD-ROMs
<b>ECG Acquisition Device</b>	Power Input PowerConsumption PC Communication Operating Temperature Relative Humidity Storage Temperature Relative Humidity Safety Standards EMC Dimension Weight	Through USB <1W Through USB 10 to 40 deg C 25 to 95% non-condensing -10 to 50 deg C 10 to 95% non-condensing IEC- 60601-1; Class ICF type IEC-60601-1-2 170.5mm x 106.5mm x 22.5mm (length x width x height) < 400gms
<b>Treadmill</b>	Power Input PC Communication Protocols Supported Total Length Total Width Walking Area Belt Speed Incline range Patient Weight	230V 15A Through serial port (RS-232) Standard (Bruce, Mod. Bruce, Mod. Balke, Ellested and Naughton) or User definable 1970mm 700mm 1500 x 500mm 0.8-16Kmph 0-22% Up to 180 Kg

\* Due to constant upgradation, specifications & features subject to change without prior notice.

Your nearest BPL Channel Partner address

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