

Smartdop[®] 50EX-F

Bidirectional Doppler with Frequency Analysis

Canadian License #63324



Bidirectional Doppler with printer and visual waveform display
Prints high resolution waveforms

32 memory storage
Save waveforms and numerical data for later use or download to optional software

RS-232 computer interface & optional software
Transfer waveforms and numerical data to a computer for data storage

Auto gain control
Smartdop automatically adjusts the gain and baseline for ease of use

Numerical velocity
Peak, mean velocity, & heart rate

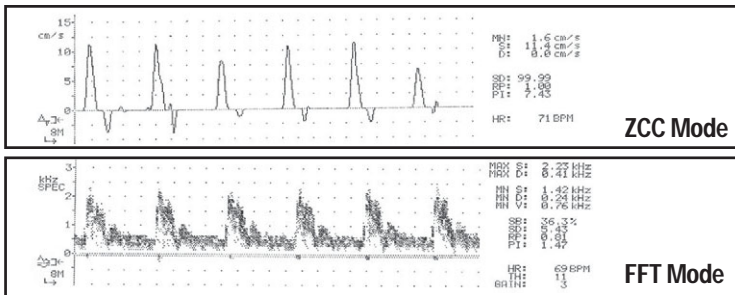
PPG & pneumo (pulse volume) options
Expands arterial & venous testing

MAX, MEAN, Spectrum Analysis, and ZCC (CW Doppler) modes available

Clinical Applications

- Extracranial Doppler Frequency Analysis
- Ankle Brachial Index (ABI)
- Peripheral Vascular Procedures
- Segmental Studies
- Penile Systolic Pressures
- Venous Compression & Outflow Studies
- PPG Venous Reflux
- PPG Toe Pressures & Toe Brachial Index (TBI)

Print Samples



Smart-V-Link[®] Software (optional)



Save up to 32 patient waveforms in Smartdop[®] 50EX-F and download to Smart-V-Link[®] to save patient records and print hard-copy reports.

Specifications

Power:	NI-MH rechargeable battery pack or AC adapter	Multi. probe freq.:	5, 8, 10 MHz (CW bidirectional)	Time scale:	Arterial: 0.2 s/div; Venous: 1 s/div.
Full charge life:	3 hours (or more if used in Freeze mode)	Freq. ranges:	200 Hz to 32 kHz	LCD display:	240 x 64 dots
Auto shut off:	No signal: 2 min.; Freeze: 10 min.; Other: 15 min.	Printer:	58mm (W) x 25m (L) / roll thermal	Headset output:	3.5 mm jack, 100Ω
Speaker:	250 mW or more	Paper:	58mm (W) x 25m (L) / roll thermal	Dimensions:	252(W) x 187(D) x 91(H) mm
		Resolution:	256 dots/line	Weight:	Approx. 1.5 kg
		Print speed:	2.5 mm/sec	Electrical Safety:	Conforms to IEC60601-1

Order Information

Includes: Smartdop[®] 50EX-F Doppler, 1-probe (specify frequency)

Accessories (included): AC Adaptor, 1-roll paper, 1-tube ultrasonic gel, operator's manual

Accessories (optional): Headset, PPG & Pneumo modules, Smart-V-Link[®] Software

Smartdop is a registered trademark [®] of Koven Technology Canada Inc., Winnipeg, Manitoba



Koven Technology Canada Inc.
404-435 Ellice Avenue, Winnipeg, Manitoba R3B 1Y6
Tel: 204-943-2596 / 204-943-2624 • Fax: 204-943-2652
info@koven.com • www.koven.ca

DS-1013CA
Copyright Koven Technology, Inc.