

Smartdop™ 45

**BI-DIRECTIONAL DOPPLER
WITH WAVEFORM DISPLAY & PRINTER**



BI-DIRECTIONAL HAND HELD DOPPLER WITH WAVEFORM DISPLAY & PRINTER

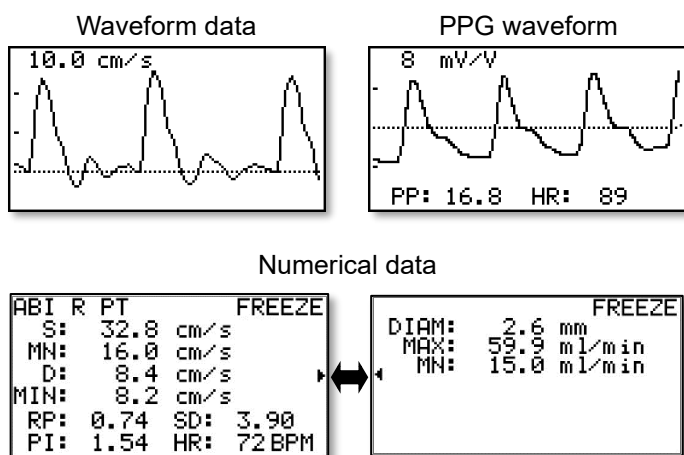
Smartdop 45

- Bidirectional Doppler with LCD & PRINTER
- Multi-probe selection of 2, 4, 5, 8, 10 and 20MHz
- 2 probe connection available
- 30 waveform memory and USB interface
- Blood volume flow calculations
- PPG probe (Option)
- Fully automatic gain control & baseline adjustment

CLINICAL APPLICATIONS

- Detection of arterial and venous blood flow velocity for vascular disease.
- PEAK & MEAN blood velocity determinations.

DISPLAY SAMPLE



DOPPLER PROBES

Standard (Clinic): 2, 4, 5, 8 & 10MHz



Optional probes:

- Pencil: 8MHz
- Flat: 8MHz

Sterilizable probes: (Amplifier required)

- Pencil: 8, 10 and 20MHz
- Autoclavable: 8MHz

Other probes available

OPTIONS

Windows software:

- Smart-V-Link for Windows

PPG options:

- PPG probe (PG-21)
- Toe cuffs
- PPG clip
- Sphygmomanometer

ACCESSORIES

Carrying case/ AC adaptor/ Ultrasonic gel/
Printing paper

SPECIFICATIONS

Power Supply:	Ni-MH rechargeable battery pack or AC adaptor	LCD display:	128 x 64 dots, STN LCD
Full Charge life:	Approx. 2.5 hours	External Outputs:	Headset connector USB port for PC connection
Recharge:	Approx. 3 hours by the AC adaptor	Dimensions:	92 (W) x 210 (L) x 60 (H)mm (Not including probe holder)
Speaker output:	Max. 250mW or more	Weight:	Approx. 440g (Not including probe)
Automatic shut-off:	No signal: 5min. /Freeze: 10min.	Operating environment:	10 to 37°C.
Multi frequency:	2, 4, 5, 8, 10 and 20MHz	Electrical safety:	Conforms to IEC60601-1

Specifications are subject to change.



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