

Smartdop™ 45

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



BI-DIRECTIONAL HAND HELD DOPPLER WITH WAVEFORM DISPLAY & PRINTER

Smartdop 45

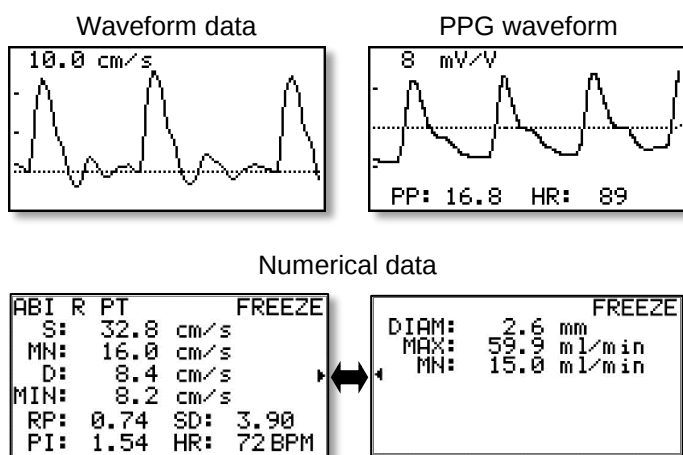
- Bidirectional Doppler with LCD & PRINTER
- Multi-probe selection of 2, 4, 5, 8, 10 and 20MHz
- 2 probe connection available
- 30 waveform memory and USB interface

- 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*1: 8MHz
- Flat: 8MHz

Sterilizable probes: (Amplifier required)

- Pencil: 8, 10 and 20MHz*2
- Autoclavable: 8MHz
- Amplifier: 8, 10 and 20MHz*2

Other probes available

*1: Standard pencil probe is not available on European Union Countries.

*2: 20MHz probe is not available on European Union Countries.

OPTIONS

Windows software:

- Smart-V-Link for Windows

PPG options:

- PPG probe (PG-21)
- Toe cuff (DVC-1.9H/ DPC-2.5H)
- PPG clip
- Sphygmomanometer



ACCESSORIES

Carrying case/ AC adaptor/ Ultrasonic gel/
Printing paper

SPECIFICATIONS

Power Supply: Ni-MH rechargeable battery pack or AC adaptor

Full Charge life: Approx. 2.5 hours

Recharge: Approx. 3 hours by the AC adaptor

Speaker output: Max. 250mW or more

Automatic shut-off: No signal: 5min. /Freeze: 10min.

Multi frequency: 2, 4, 5, 8, 10 and 20MHz*2

Waveform memory: 30 waveforms

LCD display: 128 x 64 dots, STN LCD

External Outputs: Headset connector
USB port for PC connection

Dimensions: 92 (W) x 210 (L) x 60 (H)mm
(Not including probe holder)

Weight: Approx. 440g (Not including probe)

Operating environment: 10 to 37°C.

Electrical safety: Conforms to IEC60601-1

*2: 20MHz probe is not available on European Union Countries.

Specifications are subject to change.



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