

SONOPRINT 300

Comfortable Bi-directional US-Doppler



- Precise documentations of signal with all important flow data
- Automatic control of amplification and zero positioning
- Memory mode for exact review and control of signal and data
- Average signal display with all flow data
- Handy lightweight interchangeable probes
- 2 recording speeds, 5/25 mm/s
- Integrated rechargeable NiCd-battery for 2 hours operation
- Advanced digital signal processing
- Great and clear sound of signal through special amplifier
- Easily interchangeable probes for all applications
- **Version SP 300 FG: with frequency analysis**

**High
performance
and quality**

... with large display, memory and printer

SONOPRINT 300

SonoPrint 300

SonoPrint 300 is a high sophisticated bi-directional US-doppler with a large graphic display and an integrated thermoprinter. This mobile doppler records speeds of blood flow perfectly and calculates all important flow parameters for better analysis as well.

Four interchangeable active US-probes (4, 5, 8 and 10 MHz) are available for all specific blood flow investigations. These probes are lightweight and handy and have a built-in optimal transducer system for highest signal quality.

During examinations the flow signal is displayed on the screen for instant and continuous control. The way of displaying the signal depends on the requirements of the physician and may be set accordingly. Pushing the probe switch the actual measurement is finished. Both, signal and data are stored in memory automatically. The recorded waves and calculated flow data are displayed on the screen for instant review and final control. This mode allows the physician to check all signals and data before starting to print the complete document. The printout will be done over a time axis with direct readable flow speeds.

At the end a summary of all important flow parameters follows. Additionally the settings as well as probe identification are printed out.

The operation of this doppler is quite easy and very comfortable. Function keys allow the user to have direct access to all requested device settings.

Great functionality and performance and the high product quality of this US-doppler will satisfy the physician wherever many necessary blood flow investigations are done.



Volume control, loudspeaker, and probe holder



Right side with probe holder, input and output jacks, and on/off switch



Optional interchangeable probes

SPECIFICATIONS

US-probe: Handy active probes with switch for memory function

Recording: separated or unseparated flow

Display: continuously or average flow over 3 beats and important data

Numerical data: Diastolic, systolic and average speed, systolic/diastolic speed, WP, PI and heart rate

Control of amplification: automatic or manual

Zero positioning: automatic

Calibration: 4 steps

LCD-Display: 240 x 64 points, 35 x 115 mm

Thermoprinter: 58 mm width

Recording speeds: 5 mm/s, 25 mm/s

Resolution of printer: 256 dots/line

Automatic shut-off: after 2 minutes without signal, in memory mode after 10 minutes

Speakers: 250 mW

Output for headphones: 3.5 mm plug, 100 Ohm

Power supply: integrated NiCd-battery/mains

Operation time: 3 hours per full charge

Charging time: 3 hours

RS-232: optional

Dimensions: 225 x 170 x 76 mm (W x D x H)

Weight: 2 kg

Operation temperature: 0 - 40 °C

Certificate: CE

Specification subject to change without notice

Standard accessories:

1 x 8 MHz US-probe
1 x charger/mains adapter
1 x roll of recording paper 58 mm/25m
1 x tube US-gel (50 mg)
1 x manual

Optional accessories:

4, 5, 10 MHz probe
Probe holder for 2. probe

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