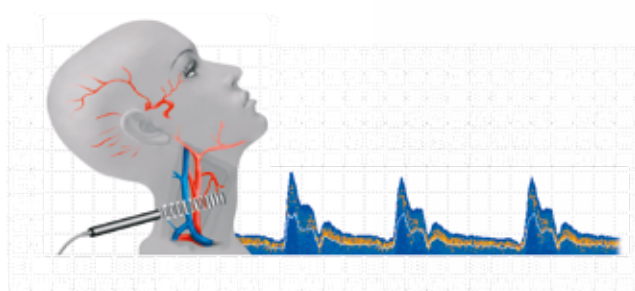# vasodop® 320
Vascular doppler system

- Peripheral
- Extracranial
- Transcranial

ELCAT

vasodop® 320
The Doppler with the certain something(s)

Modern technology, flexible and smooth in use, easy to handle... That`s how users in hospitals and doctor`s offices want their ultrasound-doppler-system for routine vascular diagnosis to be.
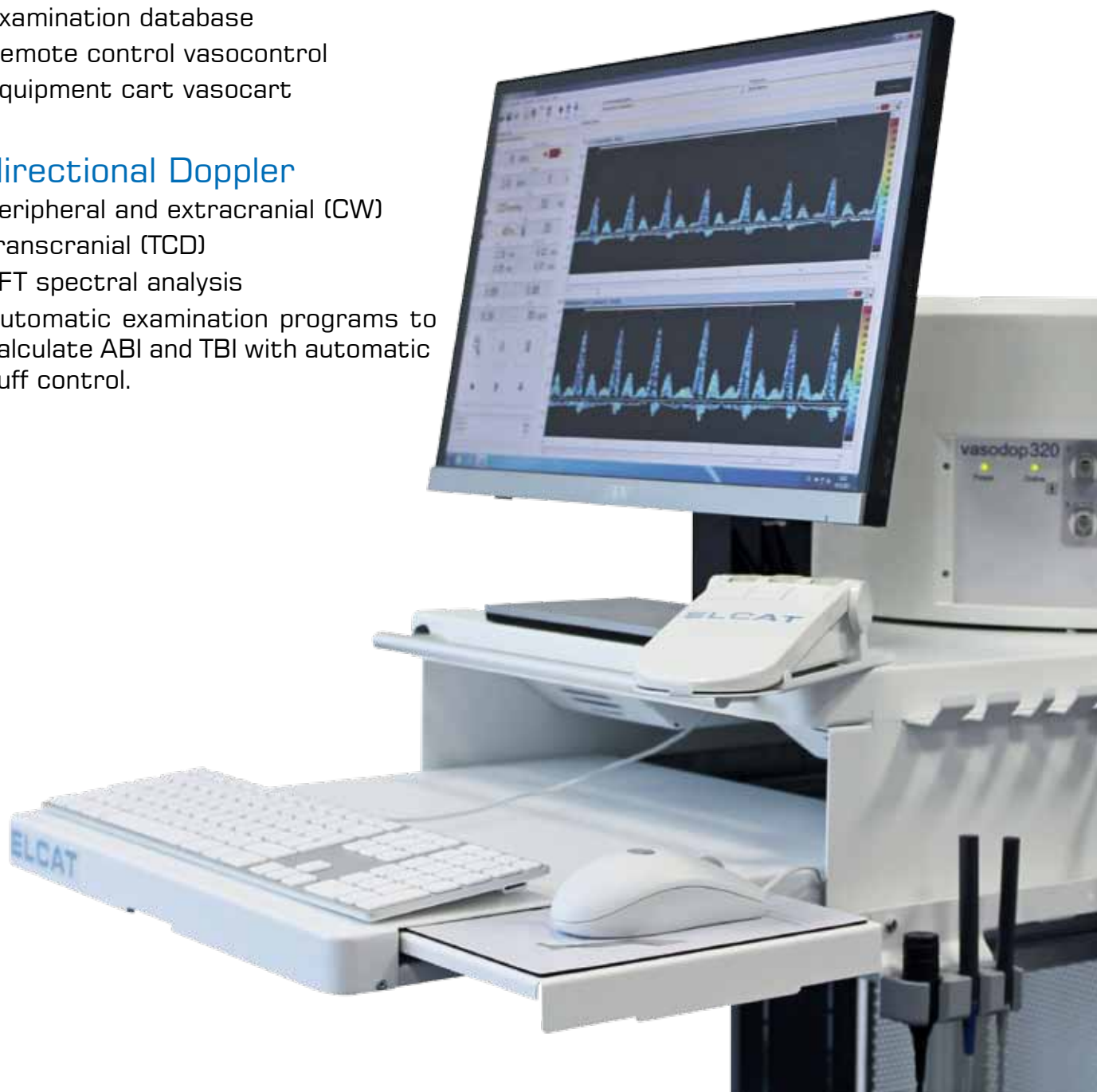
The current answer to these requirements is the **vasodop 320**. It helps with detecting arterial and venous haemodynamic disturbances, with locating insufficient venous valves and with finding out the degree of severity of low blood circulation.

Main System
- Windows software
- Examination database
- Remote control vasocontrol
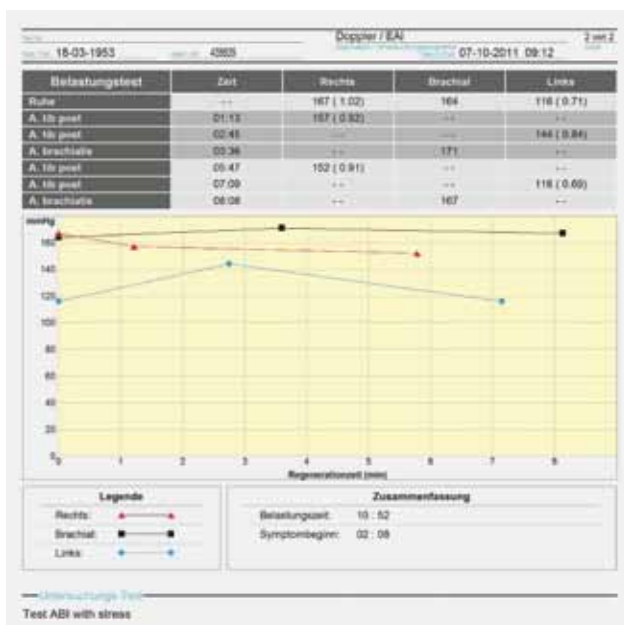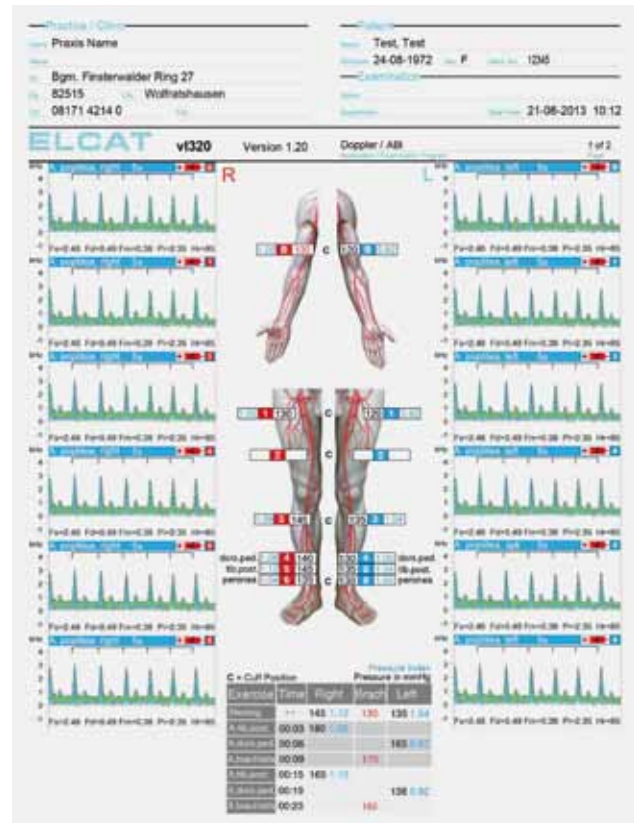- Equipment cart vasocart

Bidirectional Doppler
- Peripheral and extracranial (CW)
- Transcranial (TCD)
- FFT spectral analysis
- Automatic examination programs to calculate ABI and TBI with automatic cuff control.

vasodop® 320
Software Equipment and User Interface

- Clearly arranged examination results.

- Easy and fast reporting by using text templates.

- Display the actual examination in real-time.

- The settings of the predefined examination programs can easily be changed. This way the examination program completes worksteps in an order that suits you best.

Documentation

- On the vasodop printing protocol you will find all details about examiner, hospital / doctor`s office, examination notes and examination comments.

- All examination results can be stored in a database and can be transfered (with optional interface BDT / GDT / DICOM and HL7) to an existing IT-System.

- Additionally it is possible to save the examination results as PDF-file.

vasodop® 320 System: technical data

vasodop® 320 System		Software	
Dimensions	**Power consumption**	**Operation System**	
77 x 160 x 85 cm (B x H x T)	850 VA	Microsoft Windows®	
Pneumatic	**Weight**	**Interfaces**	
max. cuff pressure 250 mm HG	ca. 80 kg	LAN / BDT / GDT / DICOM / HL7	
vasodop® 320 System	**PC-Hardware**		
Dimensions	**Mini PC-System**	**Display** 21,5", 1920x1080 Pixel	
58 x 94 x 62 cm (B x H x T)	**RAM** 4 GB	**Keyboard**	
Weight	**HDD** > 500 GB	**Mouse**	
ca. 40 kg	**USB** + ext. HUB	**Sound system** 128 Bit Stereo	

vasodop® 320 technical data

2 MHz-PW ultrasound-probe	4 MHz-CW ultrasound-probe (active)	8 MHz-CW ultrasound-probe (active)
Dimensions	**Dimensions**	**Dimensions**
21 x 60 mm (diameter x length)	11 x 95 mm (diameter x length)	10 x 95 mm (diameter x length)
Measurement-depth	**Sensitivity range**	**Sensitivity range**
35 up to 150 mm	15 up to 50 mm	8 up to 25 mm

Are you interested in the **vasodop 320**?

Then call us!

We would be pleased to tell you more about your possibilities with the **vasodop 320**!

ELCAT GmbH

medical systems

presented by

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