

vasoquant® 1000 OVP

Quantitative Photoplethysmography

- One-channel Optical-Venous-Occlusion-Plethysmograph
- Automatic calibration
- Automatic analysis
- Easy to operate



OVP

VQ1000 OVP

Our OVP (Optical-Venous-Occlusion-Plethysmograph) unit complements the range of venous-occlusion-plethysmographs already available; being based on a metrological principle not yet used in this context, namely optical measurements, it definitely stands out. Its optoelectronic measuring head records, via changes in skin reflectivity, modifications in dermal blood circulation levels.

Scientific research has demonstrated that test results obtained with optical and standard methods correlate well. This technology meets all demands made on modern screening methods: non-invasive, precisely reproducible documentation of results, low-cost and time-saving operation.

Ease of use is ensured by the structured menu on the LCD display as well as by a built-in demonstration program.



An automatic calibration before each measurement ensures the adaptation to different skin structures and skin pigmentations.

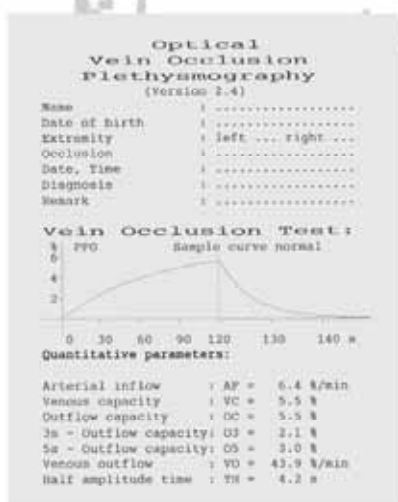
Visual and audible signals provided by the OVP facilitate patient examinations with error-free operation and timesaving features. Data recording automatically begins only after initial bloodcirculation has reached a constant baseline.

Automatic self-test prior to each examination.

A special sensor head records the blood filling of the cutaneous veins in a depth-optimized way.

Measurement results, menus and the charging status of the battery are shown on the display. Previous examination results are saved automatically.

The integrated sleep function ensures a long-lasting operating time.



You can use the versatile OVP device for

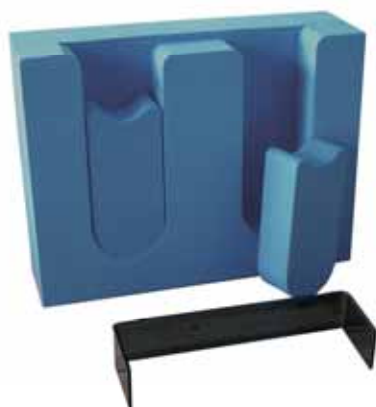
Diagnostic investigation of haemodynamically relevant outflow obstructions

- Pelvic area OVP is a reliable means of diagnosing marked pelvic vein thrombosis
- Upper leg area OVP is a reliable means of diagnosing marked vein thrombosis in the upper leg
- Lower leg area in the case of haemodynamically relevant thrombosis of the lower leg, i.e. occlusion of several lower leg veins as far as the vena poplitea, you will find characteristic curves.
- Haemodynamic course monitoring
Thrombolysis, Thrombectomy, Rethrombosis



Everything in one case...

- OVP device
- Thermal-printer
- Charger
- Connection cable (to printer)
- 1 Box of adhesive collars (approx. 500 measurements)
6 Rolls of thermal paper (approx. 500 measurements)
- Thigh-cuff
- Tourniquet-cuff 45 and 60 cm
- Operating instructions



Included in delivery

- Leg support
- Knee grip


VQ1000 OVP technical data (technical specifications are subject to change without notice)

Device	Sensor	Charger
Dimensions	Dimensions	Line voltage
190 x 90 x 35 mm (L x W x H)	25 x 10 mm (D x H)	230 VAC / 50 Hz 110 VAC / 60 Hz optional
Weight	Weight	Power dissipation
approx. 740 g	approx. 7 g	11 VA
Powersupply	Electronic	Charge voltage
Rechargeable Battery; electronic charging prevents overcharging and deep discharge.	Low-noise signal preamplifier	12 V

Tourniquet cuff (optional)

Width	Length	
3 cm	45, 60 and 90 cm, adjustable by velcro fastener	

Thigh cuff

Width	Description	
16 cm	length adjustable by velcro fastener, conical cuff with valve for fast deflation	

Leg support

Description		
heel support and knee grip		

Are you interested in the vasoquant 1000 OVP?

Call us for further information!

We would be pleased to tell you more about the vasoquant 1000 OVP!

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