

Measure portably

Immediately available results with the Vario photometer.

Numerous "laboratory values" may be determined directly from capillary blood with the portable Vario photometer from Diaglobal. The device is designed for on-the-spot measurements and may be carried with all accessories in a handy carrier case.

Most important parameter: lactate. For a long time lactate measurement has been applied successfully in high performance sport and has recently produced increasing interest also in leisure time sports and exercise as well as in the field of occupational medicine. The lactate performance curve, obtained by a graded exercise test, allows to develop training programs which permit an optimal performance prediction.

Moderate (aerobic) endurance sport, characterized by low lactate values, plays a key role in the prevention of cardiovascular diseases. Besides the reduction of overweight and the strengthening of the cardiovascular system, the parameters of the lipid spectrum (triglycerides, HDL and LDL cholesterol) become mainly influenced positively. For the measurement of HDL cholesterol with the Vario photometer a portable mini-centrifuge is additionally needed, which may be found in the Diaglobal carrier case as well.

Further analytes that may be determined directly from capillary blood and measured with the Vario photometer are glucose, haemoglobin, haematocrit, urea, uric acid, and protein.

The determination of glucose allows a targeted control of the carbohydrate intake and helps to prevent hypoglycaemic metabolic disorders caused by long-term stress or diabetics. Lowered haemoglobin and haematocrit values, which may lead to a drastic performance decrease, can be identified fast and easily. An examination of the protein and urea level is recommended when reducing weight by means of different programs that imply an increased intake of proteins.

The Vario photometer offers a wide range of possible applications for doing exercise and fitness. Because of the immediate availability of the measurement results important decisions may be taken quickly.



Ready-to-use tests

- Lactate
- CK
- Glucose
- Urea
- Uric acid
- Protein
- Haemoglobin
- Cholesterol
- HDL-Cholesterol
- LDL-Cholesterol
- Triglycerides
- Iron
- Haematocrit
- etc.

