

Photometer overview

Vario Photometer II DP 310 Mobile Laboratory Vario II

Appropriate for doctors surgeries, for prophylactic medicine, bedside-testing, performance diagnostics and emergency diagnostics

- ALAT/GPT
- ASAT/GOT
- CRP
- CK-NAC
- CK-MB
- Cholesterol
- HDL-Cholesterol
- LDL-Cholesterol will be calculated
- Creatinine
- Erythrocytes
- Glucose
- Haematocrit
- Haemoglobin
- Lactate
- Lactate-Rapid
- Magnesium
- Protein
- Triglycerides
- Urea
- Uric acid

Duo Photometer plus DP 210

Especially appropriate for determination of the Neonatal Bilirubin, for midwives, infant units, birth centres and home births

- Bilirubin neonatal
- Bilirubin
- Haemoglobin
- Erythrocytes
- Haematocrit

Vario Photometer DP 300 Mobile Laboratory Vario plus

Appropriate for doctors surgeries, for prophylactic medicine, bedside-testing, performance diagnostics and emergency diagnostics

- Alcohol
- Bilirubin
- Bilirubin neonatal
- Cholesterol
- HDL-Cholesterol
- LDL-Cholesterol will be calculated
- Creatinine
- Erythrocytes
- Glucose
- Haematocrit
- Haemoglobin
- Iron
- Lactate
- Lactate-Rapid
- Magnesium
- Protein
- Triglycerides
- Urea
- Uric acid

Duo Photometer DP 200

Especially appropriate for gynaecological surgeries for determination of the Haemoglobin

- Haemoglobin
- Erythrocytes
- Haematocrit

Vario Photometer DP 300 Mobile Laboratory Vario

Appropriate for doctors surgeries, for prophylactic medicine, bedside-testing, performance diagnostics and emergency diagnostics

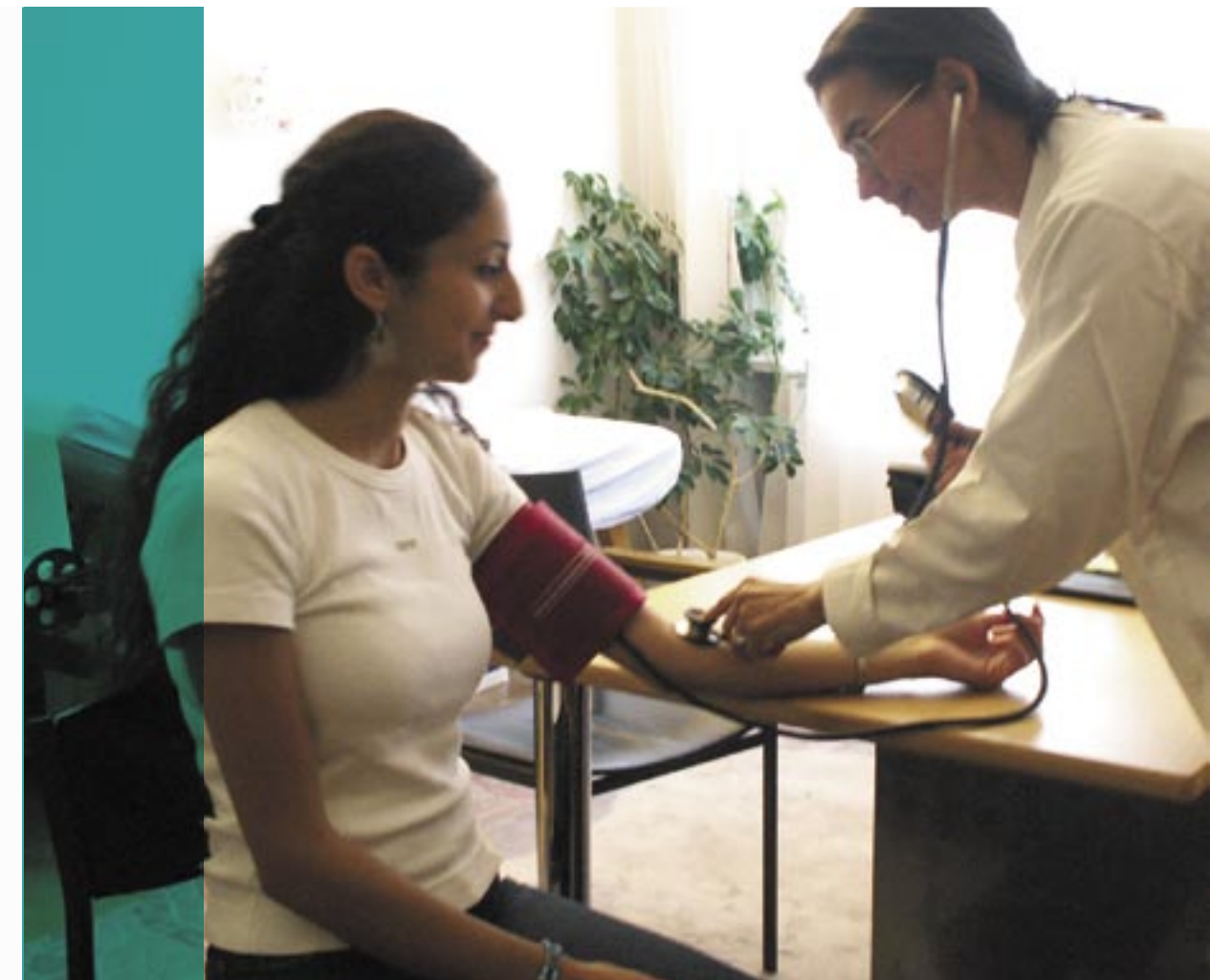
- Alcohol
- Cholesterol
- Erythrocytes
- Glucose
- Haematocrit
- Haemoglobin
- Lactate
- Lactate-Rapid
- Triglycerides

Lactat Photometer plus DP 110

Especially appropriate for performance diagnostic and performance prediction in the sports area

- Lactate
- Lactate-Rapid
- Glucose
- Haemoglobin will be calculated

Duo Photometer DP 200



The reliable partner in the gynaecological practice

Duo Photometer – Precise, safe, simple

The Duo Photometer determines the following parameters **Haemoglobin, Haematocrit, Erythrocytes**.

The Duo Photometer is characterised by an extraordinary high accuracy of the test results. It is assured primarily by the measuring principle, which is based upon the reliable wet-chemical photometric method. Continuous inspections by independent reference institutions (INSTAND and DGKL) ensure the user a constant high quality of the device and

reagent. The reagent is ready for use and supplied in round cuvettes. Only the sample needs to be added.

The carrying case contains all required accessories and guarantees the user's mobility at any time.

The red blood pigment, Haemoglobin (HB) is a protein with iron content which is responsible for the transportation of oxygen in the bloodstream. It

serves the purpose to monitor risk groups for iron deficiency, such as pregnant women, toddlers, blood donors, haemodialysis patients, and sports-women. The number of red blood cells is determined by measuring the Erythrocytes (ERY). Low values are determined as soon as anaemias are existent. They cause a decline of physical fitness. The determination of Haematocrit (HCT) indicates the percentage of the red blood cells. It serves both as a

control of success of the endurance training and as a detection of performance-reducing and health-threatening blood swellings, which occur if there is too much stress and the hydration is insufficient. Besides monitoring risk groups, the most important field of application are emergency diagnostics (loss of blood) and monitoring the HB value during surgery.



Duo Photometer

- Size: 19.5 x 10.0 x 4.5 cm
- Weight: 0.4 kg
- Wavelength: 546 nm
- Saves all measured values
- RS 232C interface
- Mains or battery (9V)-operated
- Photometric inaccuracy < 0,5% at E = 1.000

Ready-to-use tests

- HB 142 Haemoglobin
- HB 342 Haemoglobin, SLS-method immediate measurement, no waiting period, free of cyanide
- ERY 142 Erythrocytes
- HCT 142 Haematocrit

Sample material
10 µL capillary, venous blood

Report templates

Under the guidelines of the German medical chamber* a control and a recorded result are required at least once a week for patient diagnostics. Diaglobal provides free report templates and will answer all questions regarding the evaluation.

*Deutsches Ärzteblatt/Jg. 98/Heft 42/19.10.2001

Control for quality assurance

- HEM QS monitoring accuracy of HB measurement
- ERY QS monitoring accuracy of ERY measurement

Carrying case

Size: 45 x 36 x 14 cm
Weight: 2.8 kg
Contents: photometer, power unit, battery, 10 µL capillaries, micropipettor, cuvette rack, rubbish waste bin, accessories box, writing utensils