

## 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 plus DP 210



The complete system for the measuring of Neonatal Bilirubin

## Duo Photometer plus – Gentle, efficient, simple

The Duo Photometer plus „Bilirubinometer“ determines the following parameters: **Neonatal Bilirubin, Haemoglobin, Haematocrit, Erythrocytes.**

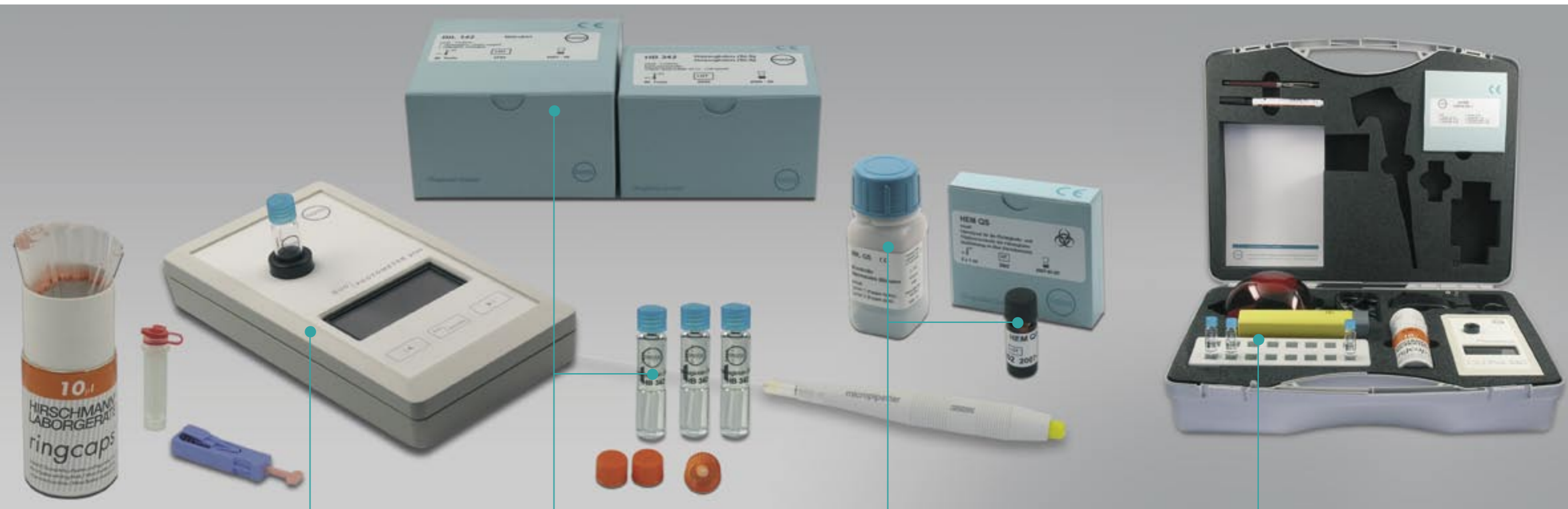
The Duo Photometer plus is characterised by an extraordinary high accuracy of the test results. It is assured primarily by the measuring principle, which is based upon the reliable wet-chemical photometric method. Continuous inspections by independent reference institutions (INSTAND and

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, which contains all required accessories as well as the minicentrifuge, guarantees the user's mobility at any time. The „Bilirubinometer“ is particularly suitable for midwives in the field, birth places, and newborn wards in hospitals.

The measuring of Bilirubin of neonates is indispensable during the first 14 days of their lives and, therefore, is counted among the basis programme of the examination of neonates. The complete system „Bilirubinometer“ for the determination of Neonatal Bilirubin in capillary blood was developed especially for the Bedside Testing of neonates.

We recommend the use of safety lancets (1.5 mm) for blood sampling from the heel as it is particularly gentle. Only two to three drops of blood in the microvette® are required in order to obtain 10 µL plasma in the minicentrifuge. This small sample quantity enables the Bilirubin measurement. Measuring time: 90 seconds



### Duo Photometer plus

- Size: 19.5 x 10.0 x 4.5 cm
- Weight: 0.4 kg
- Wavelength: 564 nm
- Saves all measured values
- RS 232C interface
- Mains or battery (9V)-operated
- Photometric inaccuracy < 0,5% at E = 1.000

### Data log printout over PC

The measurement values can be transferred to a PC with our software DiagWin and printed out on a prepared data log.

### Ready-to-use tests

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

Sample material  
Capillary, venous blood

### Control for quality assurance

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

### Carrying case

Size: 45 x 36 x 14 cm  
Weight: 3.7 kg  
Contents: photometer, power unit, minicentrifuge, battery, 10 µL capillaries, micropipettor, cuvette rack, rubbish bin, accessories box, writing utensils