**GENERAL FEATURES**

- **Throughput:** Up to 100 tests per hour
- **Test modes:** Routine, Batch, Emergencies (STAT)
- **Sample type:** Serum, Plasma, Urine, CSF
- **Computer:** Built-in with touchscreen
- **Printer:** Built-in thermal printer, external printer optional
- **Sample pre-dilution:** Yes
- **Calibrator pre-dilution:** No
- **Reaction cuvettes:** Disposable
- **Cuvette washer:** No
- **Measuring unit:** Filter wheel photometer, 8 slots
- **Measuring range:** 320 nm - 850 nm
- **QC-program:** Yes
- **LIS:** One-way

**PIPETTING ARMS / DILUTOR**

- **Pipetting arms:** 1
- **Reagent pre-heating:** Yes
- **Collision sensor:** Yes
- **Liquid level detection:** Yes
- **Dilutor:** 500 µL syringe

**REAGENTS / SAMPLES / CALIBRATORS & CONTROLS / CUVETTES**

- **Reagents:** 26 positions
- **Samples:** 9 positions
- **Cuvettes:** 90 cuvettes, 10 cuvettes per strip
- **Sample volume:** 3.0 µL to 45 µL
- **Reaction volume:** 180 µL to 500 µL
- **Cuvette temperature:** OFF/30/37°C ± 0.3°C
- **Reagent cooling:** No
- **Tray removable:** Yes

**ORDER INFORMATION**

<table>
<thead>
<tr>
<th>REF</th>
<th>Product</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>217100</td>
<td>Autolyser 100</td>
<td></td>
</tr>
<tr>
<td>217200</td>
<td>Reaction cuvettes</td>
<td>100 x 10 cuvettes</td>
</tr>
<tr>
<td>217201</td>
<td>Reagent bottles 40 mL</td>
<td>50 pcs.</td>
</tr>
<tr>
<td>217202</td>
<td>Reagent bottles 20 mL</td>
<td>50 pcs.</td>
</tr>
<tr>
<td>217204</td>
<td>Serum cups</td>
<td>500 pcs.</td>
</tr>
<tr>
<td>217206</td>
<td>Cleaner</td>
<td>1 L concentrate</td>
</tr>
</tbody>
</table>

2018/01 Rev. 01
### PHOTOMETER DTN-405

- Semi-automatic photometer
- Flow-cell or cuvette mode
- Internal thermal printer
- 5 standard filters (340 – 578 nm)
- Up to 60 methods programmable

### PHOTOMETER DTN-510K

- Semi-automatic photometer
- Flow-cell or cuvette mode
- Internal thermal printer
- 7 standard filters (340 – 670 nm)
- Up to 110 methods programmable

### AUTOLYSER

- Fully automated chemistry analyser
- Throughput: Up to 250 tests/h
- Optical glass cuvettes with washing system
- Optional barcode readers (samples, reagent)
- Cooled reagent tray

### AUTOLYSER 450

- Fully automated chemistry analyser
- Throughput: Up to 450 tests/h, 690 tests/h with ISE
- Optional ISE
- Optical glass cuvettes with washing system
- Cooled reagent tray
### DIAREADER ELX800G

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fully automated ELISA reader</td>
<td></td>
</tr>
<tr>
<td>1 reading channel</td>
<td></td>
</tr>
<tr>
<td>5 positions filter wheel</td>
<td></td>
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<tr>
<td>Wash, prime, rinse and aspiration programs</td>
<td></td>
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<tr>
<td>Measuring range from 400 – 750 nm</td>
<td></td>
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<tr>
<td>Equipped with GEN5 ELISA software</td>
<td></td>
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<tr>
<td>Different models (different filters and plate reading capabilities) available upon request</td>
<td></td>
</tr>
<tr>
<td>Model</td>
<td>Options</td>
</tr>
<tr>
<td>--------------</td>
<td>--------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| **DIACHEK® C1** | 1 channel coagulometer  
Fully optical measurement (405 nm)  
Microvolumes (totally 75 µL)  
External printer optional  
Autostart  
Up to 3 calibrations points |
| **DIACHEK® C2 / DIACHEK® C4** | 2 channel / 4 channel coagulometer  
Fully optical measurement (405 nm)  
Microvolumes (totally 75 µL)  
External printer optional  
Autostart  
Up to 5 calibration points |
| **DIACHEK® CP4** | 4 channel coagulometer  
Opto-mechanical measurement  
Measuring volume: min. 150 µL  
Internal printer  
Autostart |
| **COALYSER**  | Fully automated Coagulation Analyser  
Throughput: 137 PT/h, 60 APTT/h  
Measuring volume: min. 150 µL  
Colour touch screen  
Up to 50 methods programmable  
STAT and QC program |
STRIP READER 40

Throughput: 60 tests/h
Closed system with Barcode
Data memory: 2000 patient results
Built-in thermal printer

STRIP ANALYSER 500 / 500ME

Throughput: 500 tests/h
Large touch screen
Closed system with barcode
Data memory: 2000 patient results
Built-in thermal printer
**DIACHECK® PRO BLOOD GLUCOSE MONITORING SYSTEM**

Methodology: Electrochemistry, GDH-FAD
Coding: Code free
Test range: 10 - 900 mg/dL (0.6 - 50 mmol/L)
Hematocrit range: 20 - 60%
In compliance with EN ISO 15197:2013
Corresponding Blood Glucose Test Strips and Control Solutions available

**DIACHECK® HB HEMOGLOBIN TESTING SYSTEM**

Methodology: Electrochemistry
Coding: Code key
Test range: 5 - 26 mg/dL (3.1 - 16.1 mmol/L)
Hematocrit range: 15 - 78% (calculated)
Corresponding Hemoglobin Test Strips and Control Solutions available