Urinalysis System Line

Instruments and Test Strips for Visual and Automated Reading

- Urine test strips with 1 to 13 parameters
- Microalbumin and creatinine on 13-parameter strip
- Strips for visual and for automated reading
- High European quality standards ensure accurate results
Automated Urinalysis

For Small to Medium-throughput Laboratories

Combilyzer
Analyzer for small to medium-volume laboratories

- Closed system for Combina 13 test strips
- User friendly software
- Photoelectric colorimetry test principle
- Throughput: 60 samples/h (standard mode)
  120 samples/h (fast mode)
- Calculates albumin-to-creatinine ratio
- Flags for abnormal results
- On-board storage of 1,000 results
- Conventional, arbitrary and SI units
- Barcode reader for test strips and samples
- Built-in thermal printer
- Serial port for unidirectional connection
  with LIS. Port for external printer
- On-board service & system diagnose tools

Combina 13
Comprehensive urinary profile
including microalbumin & creatinine

- Strip for testing
  ascorbic acid, bilirubin, blood, creatinine, glucose,
  ketones, leukocytes, microalbumin, nitrite, pH, protein,
  specific gravity, urobilinogen
- Semi-quantitative visual reading for all parameters
  at 60 seconds
- Especially suited for first time urine testing –
  no need for timed collection
- Microalbumin-to-creatinine ratio automatically
  calculated by Combilyzer
- For visual and automated reading with Combilyzer

Microalbumin

Urinary excretion of microalbumin indicates kidney damage –
often found in patients with diabetes and hypertension –
and is a recognized risk factor for progression of kidney and
cardiovascular diseases.

Parallel measurement of creatinine and albumin to diagnose
microalbuminuria makes collection of 24-hour urine samples
obsolete, as the albumin-to-creatinine ratio allows to correct
variations in diuresis.
## Urine Test Strips

**Urinary Profiles for Visual and Automated reading**

- Urine test strips with 1 to 13 parameters
- Small package size – reduces risk of early deterioration
- High European quality standards ensure accurate results

<table>
<thead>
<tr>
<th><strong>Combina</strong></th>
<th><strong>Tests</strong></th>
<th><strong>REF</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Glucose</strong></td>
<td>50 tests</td>
<td>22092</td>
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| Test strip for glucose
| **Combina 2** | 50 tests | 22022   |
| Test strip for glucose and ketones
| **Combina 3** | 50 tests | 22032   |
| Test strip for glucose, pH and protein
| **Combina 9 SG** | 50 tests | 22002   |
| Test strip for bilirubin, blood, glucose, ketones, nitrite, pH, protein, specific gravity, urobilinogen
| **Combina 10 M** | 50 tests | 22102   |
| Test strip for bilirubin, blood, glucose, ketones, leukocytes, nitrite, pH, protein, specific gravity, urobilinogen
| **Combina 11 S** | 150 tests | 23111  |
| Test strip for testing ascorbic acid, bilirubin, blood, glucose, ketones, leukocytes, nitrite, pH, protein, specific gravity, urobilinogen
| **Combina 13** | 100 tests | 22132  |
| Test strip for testing ascorbic acid, bilirubin, blood, creatinine, glucose, ketones, leukocytes, microalbumin, nitrite, pH, protein, specific gravity, urobilinogen