

THE POCKETCHEM™ BA

EMERGENCY BLOOD AMMONIA MEASUREMENT



- Whole blood measurement
- Small sample volume
- Battery powered
- Easy to maintain
- Temperature compensation
- Data management function
- Lightweight and compact design
- Uses exclusive reagent strips without any pre-treatment

Small Sample Volume

Sample volume is only 20 µL. No special collection tube is necessary.

Battery Driven

The analyser can be operated by two AA batteries or with an AC adapter.

Easy to Maintain

Maintenance simply involves daily cleaning of the removable strip holder. Implementation of LED for light source eliminated a complicated lamp replacement.

Temperature Compensation

Built-in temperature sensor automatically compensates for temperature in the range of 10 to 35°C.

Blood ammonia measurement conducted in the palm of your hand



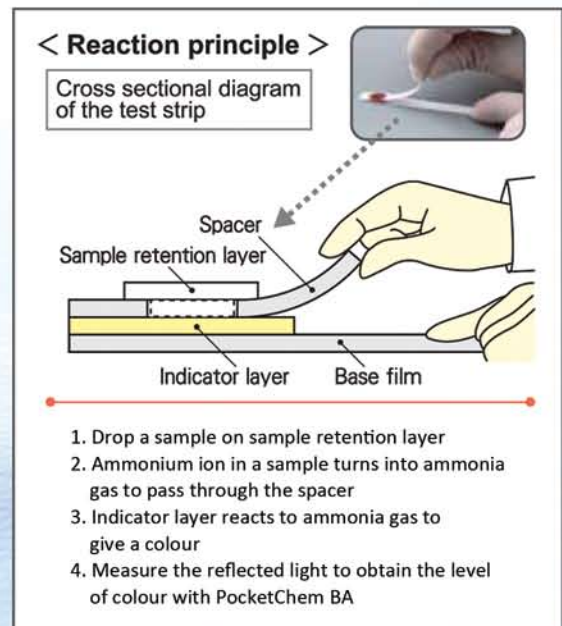
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Applications/Uses

- Doctors offices
- Remote health clinics
- Oil and gas industry
- Hospitals
- Small laboratories
- Military settings
- Help diagnose the cause of a coma of unknown origin
- Support the diagnosis of Reye's syndrome
- Support the diagnosis of hepatic encephalopathy
- Help detect and evaluate urea cycle defects
- Monitor patients with liver disease



Dry chemistry based on a microdiffusion method provides high-precision measurement with whole blood

Specifications

| | | | |
|-------------------|--------------------------------------------------------------|--------------------------|-------------------------------------------------------|
| Sample | Whole blood | Memory Capacity | 50 measurements |
| Measurement Item | Blood ammonia | External Output | RS-232C |
| Measurement | Test strip, single wavelength reflection | Temperature Compensation | Automatic compensation by built-in temperature sensor |
| Principle | measurement method | Function | |
| Measurement Range | 10 - 400N - µg/dL (8 - 285 µmol/L) | Operating Temperature | 10 to 35°C |
| Wavelength | 635nm (LED) | Relative Humidity | 25 to 85% |
| Sample Volume | 20 µL | Power Supply | 2 x AA-sized batteries or AC adapter |
| Test Strip | Ammonia Test Kit II | Dimensions | 38h x 124w x 85d mm |
| Reaction Time | Approx. 3 minutes 20 seconds / test | Weight | 150g without batteries |
| Warm-Up Time | 1 - 2 minutes | | |
| Display | LCD | | |
| Operator Panel | Panel sheet (numeric and function key pad, 12 keys in total) | | |

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