

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



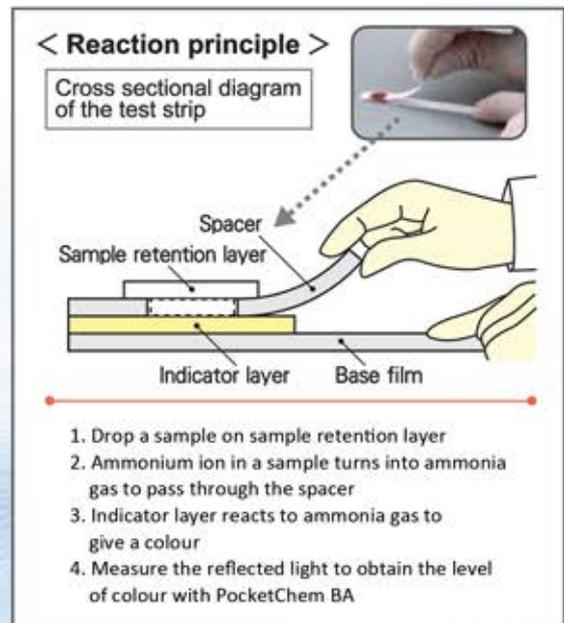
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Applications/Uses

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

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