

BIL MICRO METER Auto-3

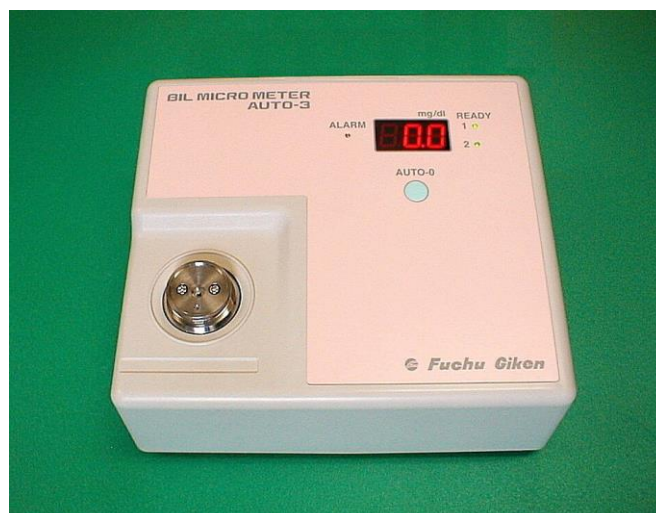
Total Bilirubin Analyzer

The AUTO-3 is an advanced model for quickly measuring the total bilirubin in serum without being affected by an influence of the light.

The Auto-3 features ease of operation, high stability, compact size and low power consumption.

The conventional principle of measuring maximum absorption of bilirubin at the wavelength of 455 nm and subtracting the turbidity caused by hemolysis and contamination at the wavelength of 575 nm is followed in this model, but a longer life and higher performance are secured by the adoption of new technology such as a white LED for light source and a 16 bit microprocessor.

↔ **BIL MICRO METER Auto-3** ↔



Features

- **Easier operation**
 - Thanks to use of advanced electronic technology such as a microprocessor, there is no need for frequent adjustment.
 - Auto-zero is automatically done by push of Auto-zero button.
 - An alarm signals abnormalities such as high concentrations or high hemolytic hemoglobin etc.
- **High stability and reliability**
 - Dual wavelength analysis corrects the influences of hemolysis and turbidity.
 - A long-life *white LED* is adopted as a light source.
- **Compact size and light-weight**
 - Weight is 2.0kg and it is easy to carry.
- **Low power consumption**
 - Only 15VA of power consumption saves running cost.

Specifications

Measuring range	0 to 30 mg/dl (total bilirubin)
Response	3 second
Correcting hemolysis	0 to 250 mg/dl
Concentration alarm	Indicates 999 for 31 mg/dl or more
Turbidity alarm	Turbidity of 250 mg/dl or more
Filters	455nm & 575nm
0-Adjustment	Automatically adjusted by pushing a button
Sample blood volume	50 to 60µl (whole blood)
Cell	Designated capillary tube
Display	3-digit 7-segment red LED
Light source lamp	White LED
Dimensions	230(w)×200(D)×100(H) mm
Weight	Approx. 2.0 kg
Power supply	AC 90-240V 50/60Hz 15 VA



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