

# hemochroma<sup>α</sup> PLUS

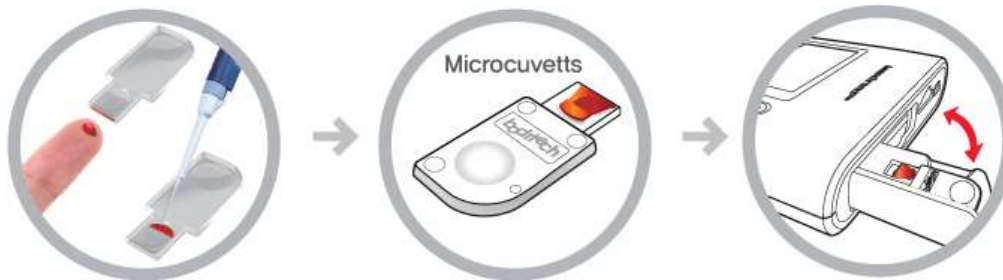
produces accurate & reliable test results of total hemoglobin comparable to high-end analyzers.



**Specifications:**

**hemochroma PLUS**

- Principle: Absorptiometry
- Sample: Whole blood
- Sample volume: 12~15  $\mu$ l
- Detection range: 0~27 g/dL
- Reading time: Appx. 3 seconds
- Data storage capabilities: 1,000 tests
- Power: Batteries (AAx4) or USB charger (Optional)
- Dimensions: 106 x 151 x 39 mm
- Serial printer connectivity



**● Overview**

hemochroma PLUS is a battery powered, hand-held device to measure the concentration of total hemoglobin in blood in 3 seconds from 15  $\mu$ l of blood. Users may use finger-tip or venous blood without further preprocessing. hemochroma PLUS uses dedicated microcuvettes featuring dual ports to which a user applies samples either through capillary action or through direct volumetric pipetting.

**● Technology**

Hemoglobin has a tendency to display different absorption behaviors, depending on oxygen binding. Based on these properties of hemoglobin, hemochroma PLUS determines hemoglobin concentration in whole blood samples by adopting a dual wavelength photo-absorption method.

<http://www.boditech.co.kr/intro/hemo.jsp>

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