

Specification

QuickSens[®] Ω100



1 Specific Data

Application	Quantification of lateral flow assays based on color change Intensity quantification of multiple lines
User	Professional staff, mobile and clinical usage
System firmware	V2.4.004
Display software	QS.V2.2
Camera version	E19
Patient Data Viewer	V2.2.21
Dimensions	210mm x 130mm x 50/70mm (L x W x H)
Dimensions slide-in module	115mm x 55mm x 8mm (L x W x H)
Weight	ca. 800g
Display	4,3" TFT graphic display
Keypad	10 numeric keys, 5 function keys
Measuring time	ca. 15 s per measurement
Calibration	SD card, SDHC card
Memory	Integrated flash ROM
Memory capacity	About 3000 patient data files
Interface	USB port D-sub socket (for printer) SD card slot LAN port (not active)
Battery life	8 hours
Language options	German, English, Spanish - other languages on request
Timer function	Adjustable upon calibration; factory setting 15 minutes
Barcode reader	Integrated (barcode on test cartridge backside for test recognition) External (barcode on any external position for scanning patient and operator IDs)
Operation temperature	10°C ... 40°C
Operation humidity (rel.)	20% ... 85%
Storage temperature	-30°C ... 80°C
Degree of protection	IP 20
Power supply	lithium ion battery (rechargeable) or AC/DC converter 100-240V; 47-63Hz
External thermo printer	APS printer module - optional
Package	Paperboard container for transport

2 Shipment

Transport case including the following content:

- Device
- Slide-in module
- Printer with printer paper (optional)
- Power supply unit with cable
- USB cable
- Screw driver
- Brush
- SD card

The transport case encloses foam material inlets in order to fix the single components inside the case and to protect them against physical damage.

For transportation purposes the case is wrapped in plastic foil and packed in a paperboard container with stuffing.



Figure 1: Shipment - transport case with content

3 Product pictures



Figure 2: Reader QuickSens® Ω100 with printer attached and with test inside slide-in module



QuickSens® Ω100	2011- 10
Power rating 3 - 5 V DC 1,5 A + → -	IP 20
SN265 511 422011 250 	 IVD
8sens biognostic GmbH Made in Germany	CE

Figure 3: Slide-in module and type plate QuickSens® Ω100