DGreadernet

Advance manual testing to an automated user experience

Semi-Automated Blood Bank System

Scalability

- Designed to work as both a stand-alone solution or integrated with Grifols fully automated systems for a truly scalable solution

Flexibility

- Compact and simple design maximizes use of lab space
- Ensure full use of cards by combining different card types to perform one test

Intuitive operations

- Intuitive, easy-to-use Grifols family of software
- Simple system management
- Minimal maintenance
- Wi-Fi connection with remote access capability

TYPING

GRIFOLS

DGreadernet

Semi-Automated Blood Bank System

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- Reading and interpretation of processed DG Gel cards
- Barcode identification of cards, samples, and reagents
- High-resolution color CCD camera
- Dual function as a compact, stand-alone system or fully integrated into Grifols blood bank scalable solutions
- Integrated computer with an adjustable touchscreen
- Complete traceability of reagents, samples, tests, results, and operators
- Ability of users to modify results before validation

Technical specifications

DIMENSIONS AND WEIGHT

Height	15.98 in (40.6 cm)
Width	17.3 in (43.9 cm)
Depth	11.3 in (28.6 cm)
Weight	18.7 lbs (8.5 kg)

ELECTRICAL REQUIREMENTS

Voltage	100-240 V
Frequency	50-60 Hz
Maximum input power consumption	60 W
Consumption in inactive state	15 VA
Fuses	2 x T2AL 250V, 5 x 20 mm
Protection against electric shocks	Class I
Installation category	Overvoltage category II (local levels, instruments, portable equipment, etc.)

OPERATING CONDITIONS

Temperature	59°F - 86°F (15°C - 30°C)
Maximum relative humidity non-condensing	85%
Maximum altitude	9,842.52 ft (3,000 m)
Power supply maximum voltage fluctuations	±10% of the nominal voltage

SAMPLE STATION

Reading system	High-resolution color reading using a CCD camera

OTHERS

Total reading speed	1 card <2 secs
Outputs to peripherals	Standard interfaces: • 3 RS232 connections • 4 USB ports (rear) • 2 LAN connections (Wi-Fi)
Remote connection	Yes, for authorized operators via a web application to provide access to: • Worksheet • Results • Database • Quality control • User management Remote diagnostics: technical support can remotely connect to the system

SOFTWARE SPECIFICATIONS

Operative system	Windows 10
Software installed	DG Reader Net software
Antivirus	Microsoft AppLocker
LIS connection protocol	ASTM protocol

For more information, ask your local Grifols representative.