

DFS100

Defibrillator / AED Handheld Tester



Defibrillator and AED Tester

To check functions of installed AED are working properly with a simple and fast approach

- Applicable to all AED brands on the market
- With 3 ECG modes: VT (ventricular tachycardia), VF (ventricular fibrillation) or NSR (normal sinus rhythm)
- The colors of the LED light indicate whether the shock energy meets self-defined pass-criteria
- Self-defined pass-criteria range can be adjusted between 40 and 360 joules
- Arbitrary connection without distinguishing polarity
- The product is only 330g and can be operated with one hand
- Plenty of air outlet improve heat dissipation and dust-proof
- Safety design in line with international standards to ensure user safety
- Detachable cables for easy storage

Note : The DFS100 PC Software is solely for customized setting. It does not include testing functions.





DFS100 Defibrillator / AED Handheld Tester

• Energy Measurement Specifications

Items	Specifications
Maximum Energy	Range : Up to 600J
Voltage	Range : Up to 5000Vp Accuracy : \pm (1% of reading + 2V)
Load Resistance	Resistance : 50 Ω
Maximum Average Power	12W, equivalent to 1 defib pulse of 360J every 30 seconds
Self-defined pass criteria range	40 ~ 360J

• ECG Signal Specifications

Items	Specifications
Waves	Ventricular Fibrillation, Ventricular Tachycardia (\geq 234bpm)
Normal Sinus Rhythm (NSR)	Set at 80BPM, 3mV

• General Specifications

Items	Specifications
Temperature	Operating : 0°C ~ 50°C (32°F ~ 122°F) Storage : -20°C ~ +60°C (-4°F ~ +140°F)
Humidity	10% ~ 90% non-condensing
Communications	USB Type-C connector only
Power	9V battery * 1 (no charger)
Mechanical	Housing : ABS Plastic Size (L x W x H) : 17.0cm x 8.55cm x 4.0cm Weight : 330g

• Compliance Specifications

Items	Specifications
Safety Standards	CE : IEC / EN61010-1:2010 + A1:2016; Pollution degree 2 61010-2-030:2017
Electromagnetic Compatibility Standards (EMC)	CE : EN61326-1; EN301489-1/EN301489-17 FCC : EMC P15B

* Specifications are subject to change without prior notice.

• DFS100 Test System

Model No.	Description
300-DFS100	DFS100 AED field tester main device
D06-9000321	9V alkaline battery
K22-0500101 *	Open-ended AED cable (Banana Male), 0.5 meter (Black)
K22-0500102 *	Open-ended AED cable (Banana Male), 0.5 meter (Red)
N61-0210033	Compact splicing connector

* Customization of AED interface cable adapter is available.
Please contact WhaleTeq (service@whaleteq.com)

• Optional Accessories

Model No.	Description
K27-1800304	USB transfer cable: Type-A to Type-C (Male to Male), 1.8 meter
G34-0600101	DFS carrying bag

• Optional Calibration Service and Warranty Extension

Model No.	Description
C3	Provides (3) years of calibration service coverage. WhaleTeq equipment can be calibrated to original performance on the basis of (1) year interval.
R3	Extend the limited warranty from (1) year to (3) years.

• DFS100 Scenario

Shock with self - defined pass - criteria

