



DFS200

AED Maintenance & Inspection Solution

From visual inspection and functional testing to maintenance records and reporting, DFS200 brings key AED maintenance tasks together in one streamlined workflow.

- **Customizable AED Inspection Items**

Configure inspection items based on AED models, customer requirements, or existing standard operating procedures.

- **AED Shock Energy & Battery Testing**

Perform shock energy testing, ECG simulation, and battery voltage measurement to verify AED performance and operating status.

- **Centralized Inspection & Test Records**

Capture device information, inspection results, shock test data, waveforms, and battery voltage within the same maintenance workflow.

- **Maintenance Report Generation**

Generate maintenance reports directly from completed inspection and test data, reducing repetitive data entry and manual documentation.

- **Field Inspection & Advanced Testing**

Use the mobile App for on-site inspection and routine testing, with optional PC software for advanced ECG waveform configuration and additional test settings.

- **Data Integration API**

Enable maintenance data to connect with existing enterprise management systems for centralized data management and reporting.

Energy Measurement Specifications

Items	Specifications
Maximum Energy	Range : Up to 600J
Voltage	Range : Up to 5000Vp Accuracy : $\pm$ (1% of reading + 2V), typical
Load Resistance	Resistance : 50 Ω
Pulse Width	Range : 1.0 – 50.0ms Accuracy : $\pm$ 0.1ms
Maximum Average Power	12W, equivalent to 1 defib pulse of 360J every 30 seconds
Battery Level (AED Battery)	Measurement Voltage : 0.40 – 40.00V Accuracy : $\pm$ 0.05V for 5.00 – 40.00V
Battery Level (AED Battery, measured with 200mA load)	Measurement Voltage : 3.60 – 40.00V Accuracy : $\pm$ 0.5V for 3.60 – 40.00V

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
Other Standards	CE : RF EN 300328; EN62311; NCC : RF LP0002

* Specifications are subject to change without prior notice.

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	Wireless (Low Energy Radio) USB Type-C connector
Operation Modes	Remote (APP)
Power	9V alkaline battery x 1 Battery level display & low power alert on APP
Mechanical	Housing : ABS Plastic Size (L x W x H) : 17.0cm x 8.55cm x 4.0cm Weight : 330g

DFS200 Test System

Part No.	Description	Quantity
100-DF00107	Model No.: DFS200 Model Name: AED Maintenance & Inspection Solution	1

Optional Accessories

Part No.	Description	Quantity
G34-0600101	DFS carrying bag	1
D06-9000321	9V alkaline battery	1
K22-0500101*	Open-ended AED cable (Banana Male), 0.5 meter (Black)	1
K22-0500102*	Open-ended AED cable (Banana Male), 0.5 meter (Red)	1
300-DFBMPLD	Battery measurement probe with load	1
K29-0900501	Battery measurement probe	1
N61-0210033	Compact splicing connector	1
K27-1800304	USB transfer cable: Type-A to Type-C (Male to Male), 1.8 meter	1

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

Optional Paddle Box Set

Part No.	Description	Quantity
300-DFPDOCK	DFS tester docking base for defibrillator	1
E13-070P101	DFS tester defibrillation receiving plate	2

Optional Software

Part No.	Description
HE0-DF00003	DFS200 PC software
HE0-DF00005	Inspection and Report Generation License
HE0-DF00006	Data Sync License

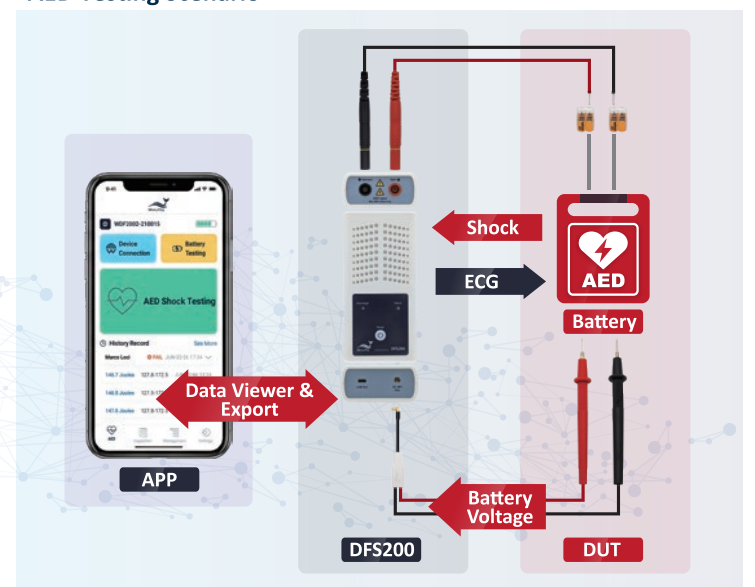
Optional Service

Part No.	Description
HE0-DF00001	Report Customization Service

Optional Calibration Service and Warranty Extension

Part No.	Description
7C3-000001	Model No.: C3 (Accredited) Provides (3) years of calibration service coverage.
7C3-000002	Model No.: C3 (In-house) Provides (3) years of in-house calibration service coverage.
7R3-000001	Model No.: R3 Product warranty from (1) year to (3) years.

AED Testing Scenario



Defibrillator Testing Scenario (Optional)



DFS200
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more information

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