**Unique Differentiators**

Brand: Philips

Model: Efficia DFM100

**Physical Specifications:**

* 7 inch diagonal LCD TFT color screen and displays 2-3 physiologic waveforms.
* With display resolution of 800 x 480 pixels (VGA).
* Weights 5.66 kg without battery.
* With ready for use indicator to confirm that the device has passed its hourly, daily, and weekly automated self-tests.
* With patients category button to quickly allow clinicians to switch between patient categories
* With smart select knob for easy menu navigation
* With sync button that lights up when in use
* Battery:

1. Lithium-ion
2. At least 2.5 hours monitoring on full battery
3. At least 100 full energy charge/shock cycles on a full battery

* External Paddles:

1. External adult paddles with removable adaptors to reveal pediatric paddles
2. Has patient contact indicator located in the paddle that lights up to signify good contact with skin
3. With remote charge and shock buttons present on the paddles

* Pads:

1. Can use multi-function disposable pads for cardioversion, monitoring, AED, or pacing.
2. Single pad set for both adult and infant/child patients.

* Built in thermal printer that is compatible with 50mm thermal paper
* Can be configured to automatically print when charging, shocking, alarm events or marking events.
* Code summary can be printed after therapy with real time stamps.
* With patient vital signs trending up to 8 hours.
* With USB port to download event summary
* Meets Ingress Protection level IP44

**Operational Specifications:**

* Monitor mode:

1. Can perform 3 or 5 lead ECG monitoring, with leads off sensing
2. Capable of NIBP Monitoring (optional)
3. Capable of SPO2 monitoring (optional)
4. Capable of CO2 monitoring using mainstream or sidestream capnography (optional)

* Manual defibrillation:

1. Uses low energy FDA-approved biphasic truncated exponential waveform technology with impedance compensation.
2. Energy selection up to 200 joules maximum via rotating knob
3. Less than 5 secs charging time to recommended adult dose of 150J with a new fully-charged battery
4. Capable of synchronized cardioversion

* AED mode: (optional)

1. AED mode with voice prompts and CPR coaching
2. Validated for adult and infant/child use
3. Optimized charging and CPR timing that allows quick shock after CPR
4. Continuously monitor patients for shockable rhythms and advises shocks during AED
5. AED Energy Profile: 150 Joules for Adult/50 J for Infant/Child nominal into a 50 ohm test load
6. Configurable escalating energy on AED mode.

* Transcutaneous pacing: (optional)

1. Capable of fixed and demand pacing
2. Pace pulse duration should be configurable to 20 or 40ms