Quick Start Guide
VM-2160 Hand Held Pulse Oximeter

This quick start guide details the steps to successfully commence usage of the VM-2160.

The full user manuals can be found on the CD included with the unit.

If you do not have access to a PC, and require a hard copy of these instructions to be sent, please contact Viamed on +44 (0)1535 634542.

The complete contents of the CD are: user manuals for VM-2160 and pulse oximetry sensors as well as the PC software including drivers.
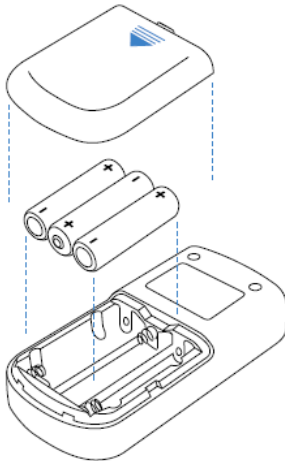
1.0   Preparation for Use

Caution: The use of rechargeable instead of alkaline batteries may cause a shorter operating time of the device.

Caution: Remove batteries if the device is to be stored or not used for a long period of time.

2.0   Battery Installation

1.   Slide down the cover of the battery-compartment on the rear panel of the device.

2.   Insert three batteries (1.5 Volt, AA), ensuring the correct orientation in accordance with the polarity markings.

3.   Slide the battery-compartment cover back into the initial position to close.

3.0   Connecting the SpO$_2$ Sensor

Insert the sensor cable into the sensor port located on the top edge of the device, ensuring correct orientation of the sensor connector and the port.

Visual Check: Before beginning operation, ensure that the device and sensor are not damaged.

⚠ **Warning:** Do not use sensors or cables that appear to be damaged. Do not use a sensor when optical components are exposed. Do not use a device that appears damaged. Replace monitor immediately in cases of visible damage.

⚠ **Warning:** Ensure that the speaker is clear of any obstruction and that the speaker holes are not covered. Failure to do so could result in an inaudible alarm tone.
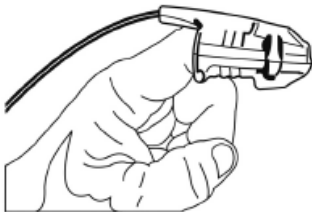
4.0   Switching on the Device

ⓘ Press and hold the on/off button briefly until an opening 'welcome screen' appears. After the power-on self-test is successfully completed the device is ready for monitoring.

⚠ **Warning:** During the power-on self-test of the device a single loud tone can be heard. If not, it is absolutely necessary to ensure that the speaker is not obstructed or defective.

5.0   Commencing Monitoring

Once the sensor is connected and correctly positioned on the patient, monitoring begins automatically. Refer to the sensor 'Instructions For Use' to determine if an appropriate sensor is being used, and if it is applied correctly.

6.0   Switching off the Device

ⓘ Press and hold the on/off button for approx. 3 seconds to switch off the device. The VM-2160 device will power off automatically after 2 minutes when not in use.