# Test Certificate

regarding

**Electrical Safety and Electromagnetic Compatibility Requirements**

**CEcert GmbH, Alter Holzhafen 19, 23966 Wismar (Germany)**

**Test Laboratory**

**Certificate No.: 613.399.1**

| | |
|---|---|
| License Holder: | **Viamed Ltd.**<br>**15 Station Road**<br>**Cross Hills**<br>**Keighley**<br>**West Yorkshire BD20 7DT United Kingdom** |
| Product identification:: | Pulse oximeter equipment with Finger-Sensor |
| Type/Model/Parameters: | **VM 2160 with Silicone Sensor** |
| P/N: | 0012160, 0012161, 0012162, 0012163, 0012164 |
| Test standards: | **IEC 60601-1:1988+A1:1991+A2:1995**<br>**IEC 60601-1-2:2007**<br>**ISO 9919:2005 applicable additional requirements** |

Classifications and Restrictions:

| | | |
|---|---|---|
| **Electrical Safety** | Protection class: | Internally powered equipment |
| | Applied part: | Typ BF |
| | Protection by enclosure: | IPX2 |
| | Emission: | Group 1 Class B |
| **EMC** | Immunity: | not life supporting, to be used during patient transport outside health care facility |
| **Environmental conditions:** | Operation: | -20 to +50 °C, 15 – 95 %rH (no condensation), 600 – 1300 hPa |
| | Transport / Storage: | -30 to +70 °C, 10 – 95 %rH (no condensation), 600 – 1500 hPa |

Test reports: 408.123.2A Electrical Safety, 408.123.3 ISO 9919, 408.123.1B EMC, 408.123.4A SUV, 408.123.5 SEB IEC60601-1-8 413.399.1 KMF

Test result: **PASS**

This test certificate is relevant exclusively to the item(s) submitted for testing.
Consider the test report specified in this certificate and the safety indications specified in the technical documentation to the product.

DAkkS
Deutsche
Akkreditierungsstelle
D-PL-12049-01-01

**Head of test laboratory**

Wismar, Friday, 25 October 2013

Dipl.-Ing. Bernd Schmidt



Managing director: Bernd Schmidt; Phone +49 (0) 38 41 22 42 906, mail: info@cecert.de