

Finger Oximeters Comparison Chart



MD300-C
(MD300-C1)



MD300-D
(MD300-C2)



MD300-C5



VM-2101



VM-2105*
* Also available in grey.

Standard features of all our Finger Oximeters include:

- Digital value of SpO₂ and pulse rate
- Low battery indicator
- Low power consumption
- Automatic power off when removed from the finger

Specification	MD300-C	MD300-D	MD300-C5	VM-2101	VM-2105
Patient Types					
Adult	✓	✓		✓	✓
Paediatric			✓	✓	✓
Unit Dimensions					
L x W x H (mm)	58 x 32 x 34	58 x 32 x 35	50 x 29 x 28	57 x 33 x 27	65 x 50 x 34
Weight (including batteries)	52 g	56 g	48 g	50 g	58 g
Display Type					
LED	✓				
Colour OLED		✓	✓	✓	✓
Display Features					
Display size	17 mm x 21 mm	13 mm x 24 mm	12 mm x 24 mm	20 mm x 26 mm	20 mm x 26 mm
Rotating display		✓	✓	✓	✓
Pleth waveform		✓	✓	✓ (two rotations)	✓ (two rotations)
Pleth waveform height (max)		2.5 mm	2.5 mm	10 mm	10 mm
Large digit format		✓	✓	✓	✓
Digit height (max)	8 mm	8.75 mm	8.75 mm	10 mm	10 mm
Adjustable brightness		✓	✓	✓	✓

Digit Colour SpO ₂ Pulse Rate	Red Red	Blue Blue	Blue Blue	Green Yellow	Green Yellow
Signal Strength Indicator	Bar graph	Bar graph	Bar graph	Colour coded bar graph	Colour coded bar graph
Signal Quality Indicator	None	None	None		
Housing Material	Plastic	Plastic	Plastic	Plastic	Silicone
Finger Pad Material	Silicone	Silicone	Plastic	Silicone	Silicone
Accuracy 70 – 79 % 80 – 100 %	+/- 3% +/- 2%	+/- 3% +/- 2%	+/- 3% +/- 2%	< 3.0 A _{RMS} * < 3.0 A _{RMS} *	< 3.0 A _{RMS} * < 3.0 A _{RMS} *
Processing 12 bit processing Low perfusion capabilities Fast 'true reading' response				✓ ✓ ✓	✓ ✓ ✓
ISO 9919:2005 Standards... Shock Test Vibration Test Drop Test Water Ingress Protection IPX2 EMC. IEC 60601-1-2	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓

* In accordance with ISO 9919:2005 Standards, values quoted in A_{RMS}.