

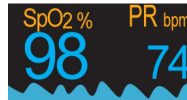
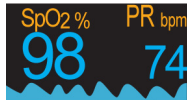
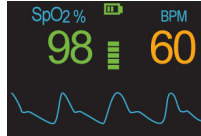
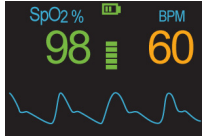
pulse oximetry

finger pulse oximeters comparison chart

**Actual
Size
Screen
Images**

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-C1)	 MD300-D (MD300-C2)	 MD300-C5 Also available in pink, yellow and green	 VM-2101	 VM-2105 Also available in orange
Part Number	2810010	2810011	2810009	0012101	0012105
Patient Types Adult Paediatric	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓
Unit Dimensions L x W x H (mm) Screen Dimensions W x H (mm)	58 x 32 x 34 29 x 22 	58 x 32 x 35 24 x 13 	50 x 29 x 28 24 x 13 	57 x 33 x 27 26 x 18 	65 x 50 x 34 26 x 18 
Weight (inc. batteries)	52 g	56 g	48 g	50 g	58 g
Display Type LED Colour OLED	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓
Display Features Display size Rotating display Pleth waveform Pleth waveform height (max) Large digit format Digit height (max) Adjustable brightness	17 x 21 mm ✓ ✓ 2.5 mm ✓ 8 mm ✓	13 x 24 mm ✓ ✓ 2.5 mm ✓ 8.75 mm ✓	12 x 24 mm ✓ ✓ 2.5 mm ✓ 8.75 mm ✓	20 x 26 mm ✓ ✓ ✓(two rotations) 10 mm ✓ 10 mm ✓	20 x 26 mm ✓ ✓ ✓(two rotations) 10 mm ✓ 10 mm ✓
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%	2.0 A _{RMS} * 2.0 A _{RMS} *	1.519 A _{RMS} * 1.519 A _{RMS} *
Processing 16 bit processing Low perfusion capabilities Fast 'true reading' response				✓ ✓ ✓	✓ ✓ ✓
ISO 9919:2005 Standards Clinical Validation CE NHS Supply Number NATO	✓ ✓ 0123	✓ ✓ 0123	✓ ✓ 0123	✓ ✓ 0086 FBC206 6515-99-148-5212	✓ ✓ 0086 FBC207 6515-99-488-8273 6515-99-286-0026

* in accordance with ISO 9919:2005 standards, values quote in accuracy A_{RMS}.



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ISO 13485:2003

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