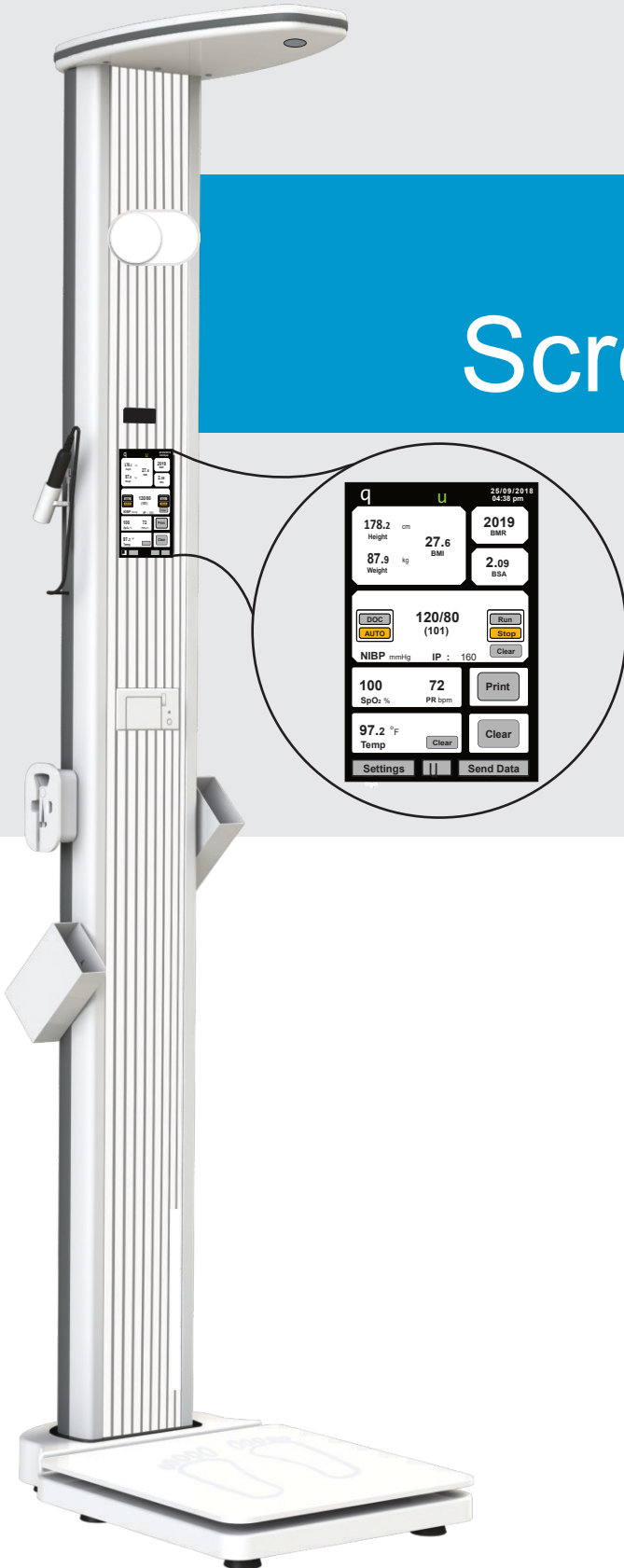


OPD Screening Machine



Salient Features:

- Screens 10 parameters in 2 mins
 - Height
 - Weight
 - BMI
 - BMR
 - Temperature
 - SpO₂
 - NIBP
 - Pulse rate
 - BSA
 - Vision Chart
- 7" TFT display for better viewing
- Touch screen for easy go operation
- Computer Connectivity with WiFi
- Thermal printer
- User friendly and aesthetic look

SPECIFICATION

Power supply:

Voltage	: 18V DC
Frequency	: 50Hz
Current rating	: 1.5A

Environmental:

Operating temperature	: 5°C to 40°C
Humidity	: 35% to 85%

Dimensions & Weight:

Height	: 2234mm
Weight	: 42.5kg
Base dimensions	: 650x 430mm

Height:

Height measurement range	: 30 - 200cm / 0ft 9inch- 6ft 5inch
Accuracy	: ±1 cm / ±0.3inch

Weight:

Weight measurement range	: 2 - 250kg / 4.4 – 551.1lbs
Accuracy	: ±0.2kg / ±0.4lbs

BMI:

BMI Formula used	: kg/m ²
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BMR:

Basal Metabolic Rate

Formula Used	: Harris-Benedict Equation
Unit	: Calories per day

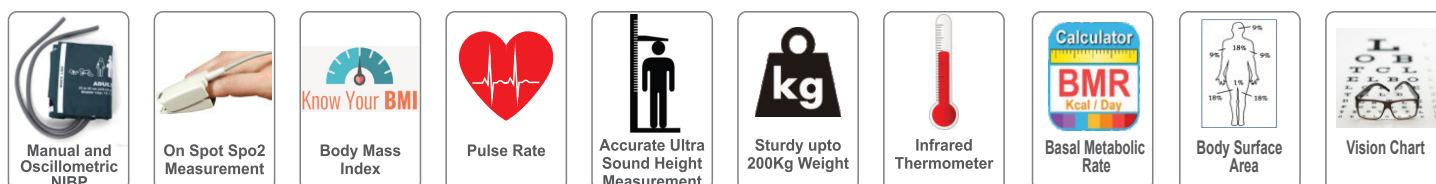
Temperature:

Method	: Non contact infrared
Range	: 95 - 110.9°F / 35 - 43.8°C
Accuracy	: ±1°F / ±0.4°C (depends on probe)

Pulse oximetry (SpO₂):

Pulse range	: 30- 254bpm
Pulse rate accuracy	: ± 2bpm
SpO ₂ range	: 50% to 100%
SpO ₂ accuracy	: ± 2%

10 Parameters



Salient Features



Non - invasive blood pressure (NIBP):

Method	: Oscillometric
Systolic measurement range	: Adult - 40 to 270mmHg
Diastolic measurement range	: Adult - 10 to 230mmHg
Mean range	: Adult - 20 to 230mmHg
Cut off range	: 280 - 330mmHg
Inflation time	: 6 - 8sec (pediatric & adult cuff) 10 - 12sec (large cuff)
Measurement time	: 35sec - 60sec
Initial cuff inflation range	: 160 - 240mmHg
Accuracy	: ± 8mmHg for one standard deviation; ± 5 maximum mean error

BSA:

Body Surface Area

Formulae used	: Mosteller Formula : Dubois Formula : Haycock Formula : Gehan & George Formula : Takahira Formula
Unit	: Square metre (m ²)

Vision chart:

Operating distance	: 10 Feet
Standard Tests/Optotypes	: Landolt Rings : Tumbling E : Alphabets : Numbers : Worth Four Dots

Display:

Type	: 7" Color TFT
Resolution	: 480 x 800pixel

Printer:

Dimension	: 110 x 65mm
Type	: Thermal Printer
Paper Width	: 57mm
Roll Length	: 15m

Packing Details:

Packed Dimension	: 236 x 36 x 50cm
Weight	: 72kg

Marketed and Exported :

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