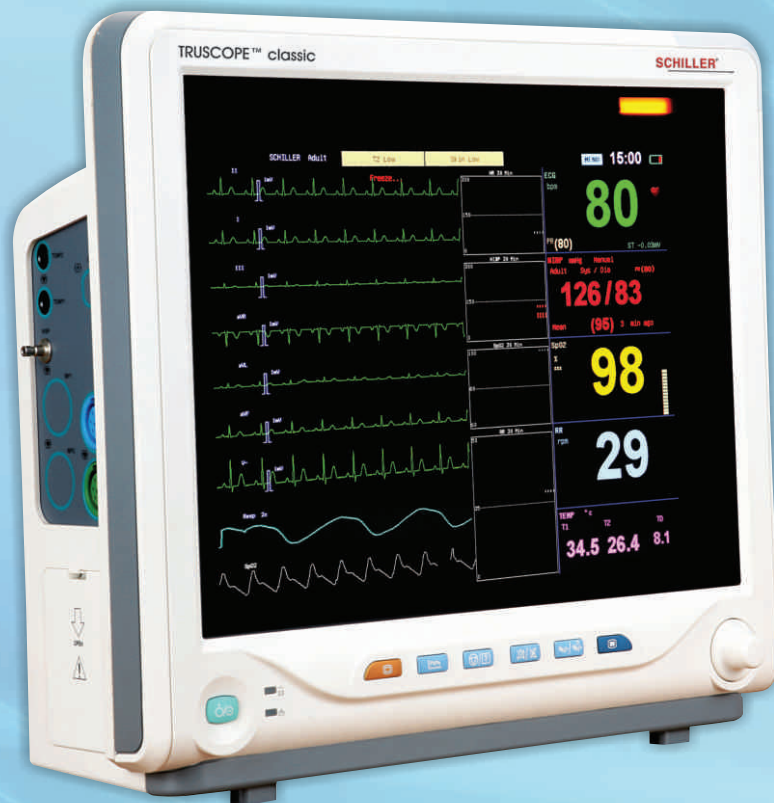


TRUSCOPE™ classic

15" Multiparameter Monitor

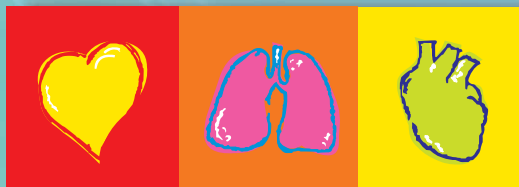


Features :

- 15" TFT display, high resolution with maximum of 10 waveform display
- ST and Arrhythmia analysis
- 96 hours tabular and graphical trend
- Drugdose calculation
- OXYCRG software
- Connectivity : wired & wireless

Optional :

- SD card / Pendrive : facility for storage of trends
- Upgrades for 2-IBP, EtCO₂, ICG and multigas monitoring



SCHILLER

The Art of Diagnostics

General

Size and Weight

Size : 335mm X 366mm X 172mm
Weight : 5.5kg

Display

15" Color TFT
Resolution 1024 X 768 pixels or higher

Power supply

Power Voltage AC 100-240V 50/60Hz
Power Input ≤ 85VA
Fuse : T1.6AL/250V, Φ 5 X 20 (mm)
Safety class : Category I

Battery

Type : Rechargeable Lithium Battery
Charge time : ≤ 10 hours
Operating time under the normal use and full charge : ≥ 120 minutes

Thermal recorder (Option)

Method : Thermal dot array
Paper width : 50mm (1.97 in)
Paper Speed : 12.5 / 25 / 50 (mm/sec)
Traces Maximum : 3

System output

Ethernet Network standard RJ45 socket
RF Wireless LAN : 433MHZ, 10mW
Analog Output (ECG or IBP) : Option
Defibrillation Output : Option
SD card : Option

Alarm

Three Level : Low, medium and high
Indication : Colour coded audible and visual
Setup : Default and custom
Silence : All alarms can be silenced
Volume : 45~85 dB measured at 1 meter

Trend

Store and review 96 hours : Tabular & graphical trend
Parameter option : HR, SpO₂, NIBP, PR, Resp, CO₂, Temp1, Temp2, AA, N₂O, O₂, IBP1, IBP2, ST
Cycle intervals of trend storage : 1min, 2min, 3min, 4min, 5min, 10min, 15min, 20min, 25min, 30min

Store and Reviewing

ECG : 30 minutes of one important lead's ECG waveform
Alarm : 1800 groups alarm events reviewing
NIBP : 1000 groups NIBP measurement
Arrhythmia : 128 groups data (8 seconds ECG waveform)

Environment

Working temperature : 0~+40°C
Transportation and storage temperature : 20~+55°C
Relative humidity : Working ≤85%
- Transportation and storage ≤93%
Atmospheric pressure : Working 860 ~ 1060 hPa
- Transportation and storage 500~1060 hPa

Standard Configuration

ECG, HR, RESP, NIBP, SpO₂, 1-TEMP, Lithium Battery, ST analysis, AR analysis, Pacemaker detection

Option

12-lead ECG, 2-IBP, Recorder, EtCO₂ (micro stream / main stream / side stream), Anesthetic Gas, ICG, SD memory card

Certification



Accessories shown are not part of standard configuration. All registered trademarks acknowledged.

Parameters

ECG

Mode: 5 - lead (standard) or 3 - lead or 12 lead (Option)
Lead selection : I, II, III, aVR, aVL, aVF, V1~V6 (Option)
Gain : AUTO, 0.25x, 0.5x, 1.0x, 2.0x, 4.0x
Insulation Breakdown Voltage 4000VAC 50 / 60Hz
Sweep speed 12.5mm/s, 25mm/s, 50mm/s
HR Range : 10~300 bpm
HR Accuracy ±1% or ±1bpm, whichever is greater

ST segment

Measurement Range -2.0mV~2.0mV
Resolution 0.01mV

RESP

Method : Impedance variation between RA-LL (R-F)
Measurement Range : 0~150rpm
Accuracy : ±2rpm
Gain : x1, x2, x4
Sweep speed 6.25mm/s, 12.5mm/s, 25mm/s

TEMP

Measurement Range : 0~50°C
Unit : Celsius (°C), Fahrenheit (°F)
Accuracy : ±0.1°C (exclusive of probe)
Connecting cable : Compatible with YSI-400

Nellcor-SpO₂

Measurement Range : 0~100%
Accuracy : 70~100%, ±2%, 0~69%, unspecified
PR Range 25~250bpm
PR Accuracy ±1% or ±1bpm, whichever is greater

NIBP

Technique : Automatic oscillometry
Range : Adult : 10~270mmHg
Child : 10~235mmHg
Neonate : 10~135mmHg
Accuracy : Static ±2% or ±3mmHg, whichever is greater
Unit : mmHg, kPa
Pulse rate range : 40~240bpm
Intervals for AUTO measurement : 1,2,3,4,5,10,15,20,30,45,60,90 minutes
2,4,8 hours

IBP (Option)

Channel : 2
Measurement Range : -50~+300mmHg
Unit : mmHg, kPa
Accuracy : ±2mmHg or 2%, whichever is greater

EtCO₂ (Option, Micro stream) - Respirationics

Range : 0~19.7% (0~150mmHg)
Unit : %, mmHg, kPa
Respiration Rate Range : 2~150bpm

EtCO₂ (Option, Main stream) - IRMA

Range : 0~19.7% (0~150mmHg)
Unit : %, mmHg, kPa
Respiration Rate Range : 0~150bpm

EtCO₂ (Option, Side stream)

Range : 0~19.7% (0~150mmHg)
Unit : %, mmHg, kPa
Respiration Rate Range : 2~150bpm

Multigas - CO₂, O₂, N₂O, Anesthetic Agent (Option, Main stream)

Technology : IRMA
Unit : %, mmHg, kPa
Respiration Rate Range : 0~150bpm
Range : 0~13.1% (0~99.6mmHg)
ICG - Impedance method

Technical data are subject to change without notice

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SCHILLER

The Art of Diagnostics

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