

SP100B TOUCH SCREEN SPIROMETER WITH PRINTER



33554

• 33554 SP100B TOUCH SCREEN SPIROMETER WITH PRINTER
 Portable device for testing pulmonary function, it adopts differential pressure acquisition principle to measure over 100 parameters related to Forced Vital Capacity (FVC), Ratio (FEV1/FVC)Vital Capacity (VC), Maximal Voluntary Ventilation (MVV) and Minute Ventilation (MV) functions. Real-time displays respiratory waveform: flow-volume loop

STANDARD ACCESSORIES	
Spirometer probe	Recording paper
100 mouthpieces (50 flat and 50 round)	Power cord
Nose clip	User manual: GB, FR, IT, ES

- and volume-time curve, which is applicable for diagnosis and therapeutic evaluation of lung diseases.
- English firmware and software
- inspiratory and expiratory parameters, real-time curve display
- BTPS correction function measures temperature, humidity and barometric pressure automatically
- calibration control: volume calibration, three flows verification
- display the optimal value from many measurements
- tester condition can be reflected by the ratio of the measured value and the predicted value
- data memory, delete and information review functions
- trend chart display
- prompt functions for over limit of volume and flow
- rechargeable lithium battery, with charging prompt
- built-in multiple predicted values
- support bronchial dilation/provocation test
- pulmonary function assessment
- patient information can be entered, managed and queried
- test report printable by built-in 210 mm thermal printer
- 33555 SPIROMETER PROBE - spare**
- 33021 THERMAL PAPER 210 mm x 20 m - box of 5 rolls**
- 33410 ADULT MOUTHPIECES - Ø 3 cm - box of 500**

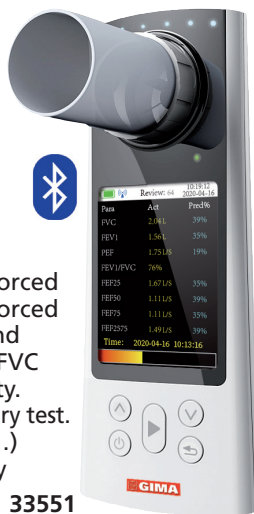
TECHNICAL SPECIFICATIONS	
Display:	10.1" touch screen colour LCD
Display resolution:	1280x800 pixels
Volume range:	0~10 l ± 3% or ± 0.05 l (whichever is greater)
Flow range:	0~16 l/s ± 5% or ± 0.17 l (whichever is greater)
Power supply:	DC 14.8 V rechargeable lithium battery or AC 220V 50 Hz
Power consumption:	P ≤ 150 W A
Size - weight	340x320x86 mm - 4 kg
Safety:	Class I, type BF

SP80B HANDHELD SPIROMETER WITH BLUETOOTH

• 33551 SP80B HANDHELD SPIROMETER
 Small and portable spirometer for examining lung function.

High-definition screen directly displays measured parameters, such as Forced Vital Capacity (FVC), Forced Expiratory Volume in one second (FEV1), forced expiratory volume in one second (FEV1) to forced vital capacity (FVC) ratio (FEV1/FVC), Peak Expiratory Flow (PEF), Forced Expiratory Flow at 25% of FVC (FEF25), Forced Expiratory Flow at 50% of FVC (FEF50), Forced Expiratory Flow at 75% of FVC (FEF75) and Forced Expiratory Flow from 25~75% of FVC (FEF2575). High accuracy and repeatability. Suitable for hospital, clinic, family for ordinary test.

- patient info can be set (height, age, sex...)
- flow-volume and volume-time chart display
- trend chart display



33551

- health state indication
 - calibration function
 - data can be stored, deleted, uploaded and reviewed
 - over-limit prompt function for volume and flow
 - indicate expiration within 6 seconds by indicators
 - data transmission by Bluetooth or USB cable
 - automatic shutdown within 2 minutes
- Supplied with USB cable, 2 disposable mouthpieces, PC software (GB, IT, ES, PT) and user manual GB, FR, IT, ES, PT, DE, PL, RO, SE, GR available on www.gimaitaly.com
- 33410 ADULT MOUTHPIECES - Ø 3 cm - box of 500**

TECHNICAL SPECIFICATIONS	
Method:	Turbine
Parameters:	FVC related 8 parameters (FVC, FEV1, FEV1/FVC, PEF, FEF 25, FEF 50, FEF 75, FEF 2575)
Volume range:	0~10 l ± 3% or 0.05 l (whichever is greater)
Flow range:	0~16 l/s ± 5% or 0.2 l/s (whichever is greater)
Display:	2.8" colour LCD display
Memory:	224 cases with chart
Power supply:	Rechargeable lithium battery - 200 mA
Size - weight:	160x65x45 mm - 190 g

BBRAUN I.V. CATHETERS - RADIOPAQUE

VASOFIX® SAFETY - sterile

I.V. catheter designed to minimize inadvertent needlesticks, made of PUR. For single use only, with injection port. Two-way cannula needle, polyurethane, radiopaque, with injection valve for intermittent administration of medicines, complete with stopper closing.

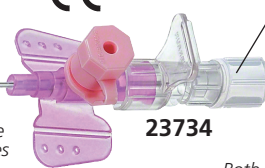
B. BRAUN
SHARING EXPERTISE

Latex, PVC, DEHP free

CE 0123

Flashback technology provides confirmation of proper catheter placement through rapid display of catheter and needle flashbacks

Universal cut with large choice of insertion angles and minimal puncture trauma



23734

Both with multilingual instructions: GB, FR, IT, ES, PT, DE, NL, DK, PL, HU, RO, CZ, SK, BG, GR, HR, RS, SI, EE, LV, LT, SE, FI, NO, RU, TR

INTROCAN SAFETY® - sterile

PUR material softens at body temperature and is proven to have a positive impact on indwell time and phlebitis risk

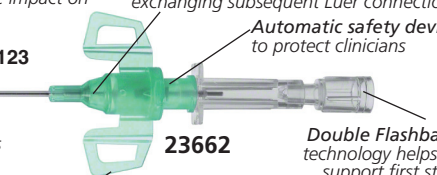
Latex, PVC, DEHP free

CE 0123

Unique geometry of the Universal Back Cut Bevel aids in accessing difficult veins by providing a highly flexible pathway for easy catheter insertion with less tearing.

Multi-Access Septum is designed to control the flow of blood from the catheter hub during needle withdrawal and while exchanging subsequent Luer connections

Automatic safety device to protect clinicians



23662

Integrated Stabilization Platform is designed to minimize catheter movement to help reduce catheter-related complications

Double Flashback technology helps to support first stick success through quick visual confirmation that both - needle and catheter - are successfully in the vein

VASOFIX® SAFETY PUR					INTROCAN SAFETY® PUR						
GIMA code	B. Braun code	Gauge	Gauge mm	Colour	Minimum order	GIMA code	B. Braun code	Gauge	Gauge mm	Colour	Minimum order
23733	42691365-01	18 G	45 mm	Green	box of 50	23662	4251132-01	18 G	1.3x45	Green	box of 50
23734	42691105-01	20 G	33 mm	Pink	box of 50	23663	4251130-01	20 G	1.1x32	Pink	box of 50
23738	42690985-01	22 G	25 mm	Blue	box of 50	23664	4251128-01	22 G	0.9x25	Blue	box of 50