

Platinum SC430



Excellence and Innovation

The Platinum SC430 provides sophistication in a flexible, easy to use package, designed to meet all your anesthesia requirements

- ◆ Advanced easy to use features for maximum patient safety
- ◆ Comprehensive specification
- ◆ Low ownership costs over ten year life cycle provide a new, smarter alternative to a refurbished machine
- ◆ Committed customer service
- ◆ Two year warranty
- ◆ Minimum ten year parts and service guarantee
- ◆ Ventilator with four modes
 - Volume
 - Pressure
 - Spontaneous Monitoring
 - Pressure Support
- ◆ Large color touchscreen



Platinum SC430 Anesthesia System

Advanced technology, flexible specification,
open architecture and easy to use

With its integrated design and superior build quality, each Platinum SC430 is custom built to meet your requirements

- ◆ High levels of workstation integration
- ◆ Modular construction
- ◆ GCX™ channel mounting
- ◆ Dual oxygen, nitrous oxide, and air flowmeters
- ◆ Twin oxygen, single nitrous oxide and single air cylinder yokes as standard
- ◆ Open architecture for monitors and accessories
- ◆ Monitor shelf options include standard, plus an additional mid-shelf
- ◆ Two station Selectatec back bar
- ◆ Flowmeter and work surface lighting
- ◆ Four electrical outlets
- ◆ Oxygen auxiliary flowmeter
- ◆ Low cost of ownership - two preventive maintenance services per year

Balanced Ultra Low-flow Anesthesia, plus patient safety with proven Mechanical AHD system

- ◆ Specifically designed for low flow
- ◆ 50-75 ml/min minimum oxygen flow
- ◆ 27-33% minimum Oxygen / Nitrous Oxide flow



Platinum SC430 Anesthesia System

System Modules

AV-S Ventilator

The intuitive user interface and comprehensive support modes provide optimum therapy for all patient profiles

- ◆ Combines sophistication and ease of use
- ◆ Large, color Touchscreen and Com-wheel control
- ◆ Volume and Pressure ventilation, plus PEEP, Pressure Support and Spontaneous Monitoring
- ◆ Single/dual waveform display
- ◆ High quality, multi-option product
- ◆ Built-in oxygen, volume and pressure monitoring
- ◆ Fresh gas flow compensation



Sigma Delta Vaporizer

The award winning Sigma Delta has evolved from a distinguished line of vaporizers of the highest quality and reliability into the world market leader

- ◆ Service Free[#]
- ◆ Efficient Selectatec[®] Interlock system
- ◆ Superb performance, particularly at low flows
- ◆ Halothane, Enflurane, Isoflurane, Sevoflurane
- ◆ Keyed Filler, Quik Fil[®], or Pour Fill
- ◆ Low Body Weight
- ◆ Winner of the UK's Queen's Award For Enterprise: Innovation category



A200SP Absorber

The New A200SP Absorber provides advanced levels of integrated function with the Platinum SC430 and AV-S ventilator

- ◆ Bag / Vent control interface provides automatic AV-S ventilation mode switching
- ◆ Integrated Spirometry airway flow sensors
- ◆ Quick-release canister for loose or 3 lb pre-packed absorbent
- ◆ Integrated Oxygen Monitor sensor
- ◆ Heated for patient comfort and moisture control
- ◆ Ergonomic breathing bag arm
- ◆ Autoclavable



Accessories

Expanding the capabilities of the Platinum SC430 through a high quality range of accessories

- ◆ Nuffield 200 Ventilator
- ◆ IDR Alarm
- ◆ Suction Controller
- ◆ Selectatec[®] parking station
- ◆ High quality and performance assured
- ◆ Wide range of accessories, including electrical outlets, flowmeter lighting and sharps bin mounts
- ◆ Flexible, easy use GCX[™] mounting





Platinum SC430

Physical	
Size (H x W x D)	54.0 x 28.4 x 31.5 inches (1370 x 720 x 800 mm)
Weight	165.4 lb (75 kg)
Top Shelf	28.4 x 18.9 inches (720 x 480 mm)
Work Surface	25.6 x 11.8 inches (650 x 300 mm)
Drawers (Maximum of three)	7.5 x 20.5 x 15.4 inches (190 x 520 x 390 mm)
Features	
Number of Vaporizers	Two
Gases	Oxygen, Nitrous Oxide, Air
Cylinder Yokes	Four
Oxygen Fail Safe	Yes
Anti-Hypoxic Device	Mechanical, 27 to 33%
Integrated A200SP Absorber	Yes
Integrated AV-S Ventilator	Yes
Standards	All relevant to markets, including ASTM & CE

A200SP Absorber

Physical	
Size (H x W x D)	16.6 x 9.0 x 16.9 inches (420 x 230 x 430 mm)
Weight (empty)	33 lb (15 kg)
Absorbent Capacity	2.9 lb (1.3 kg)

AV-S Ventilator

Physical	
Size - Control Unit Only (H x W x D)	7.3 x 11.4 x 11.8 inches (185 x 290 x 300 mm)
Size - with Adult Bellows (H x W x D)	15.2 x 11.4 x 11.8 inches (385 x 290 x 300 mm)
Weight - Control Unit Only - with Adult Bellows	16.8 lb (7.6 kg) 19.8 lb (9.0 kg)
Screen	8.4 inches (210 mm) TFT
Bellows (Latex free)	20 to 1600 ml, Paediatric option 20 to 350 ml
Power	90 to 264 VAC, 47 to 63 Hz
Drive Gas	Oxygen or Air
Functional	
Ventilation Modes	Off, Standby, Volume, Pressure Controlled, Spontaneous, PSV (for use in anesthesia procedures only)

Sigma Delta Vaporizer

Physical	
Size (H x W x D)	9.5 x 4.7 x 7.5 inches (242 x 120 x 190 mm)
Weight	11 lb (5 kg)
Capacity	Volume at MAX mark: 250 ml nominal Volume at MIN mark: 35 ±10 ml
Note	After draining, approximately 60 ±10 ml of liquid is retained by the wick
Flow Range	0.2 to 15 litres / min
Temperature Range	Operating: 15 to 35°C (58 to 95°F)

*Presumes ten year product life requiring no preventive maintenance service. It is recommended that a service is carried out at ten years. Selectatec® is a Datex Ohmeda Trademark

The manufacturer will use its best endeavours to make available spare parts, or equivalent, for the service and repair of the Products to the Distributor for a period often years from the date of manufacture of the Product. The Distributor will use its best endeavours to make available service and repair of the Products to the customer for a period of ten years from the date of manufacture of the Product.



Manufactured by: Penlon Limited

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