



DRE Integra AV-S

The easy-to-use, advanced
anesthesia system



Equipment for the way *you* operate



- It is DRE's intention to further develop its position as a major force in the world anesthesia market
- This will be achieved by:
 - Bringing to market increasingly competitive anesthesia products
 - By refining our distribution and promotion in order to make a more direct relationship between our customers and DRE
 - By increasing market share in the world's most influential market, the USA.



- DRE has values that distinguish it from the competition
 - **Quality products** - reliable, with user friendly features
 - **Customer care** - we listen to customers, act on their advice and provide full service back up
 - **Flexible** - we do our best to meet customers particular requests
- Partnership for Life
 - Shows our commitment to successful long-term partnership between DRE and all of our customers



- Best features - as standard
- Value for money
- Service support



- The Integra AV-S system includes the AV-S ventilator, A200SP Circle and Delta vaporizer, and offers the functionality and features of the Fabius GS and Datex Aespire & Aestiva with the ease of use of a traditional Anesthesia machine.
- The Integra AV-S is a cost effective sublime solution that offers familiar gas delivery with advanced ventilation features and refined ergonomics.
- The Integra AV-S is the starting point for increasingly capable anesthesia systems from DRE.



- Two or three Selectatec[®]* vaporizer stations
- Easy to read dual flow tubes O₂, N₂O and Air
- One cylinder Air, N₂O and O₂ cylinders as standard
- Up to three large drawers
- Basic machine is MRI compatible as standard (not including AV-S)
- Large monitor shelf
- Electrical outlets x 4

*Selectatec is a registered Trademark of GE



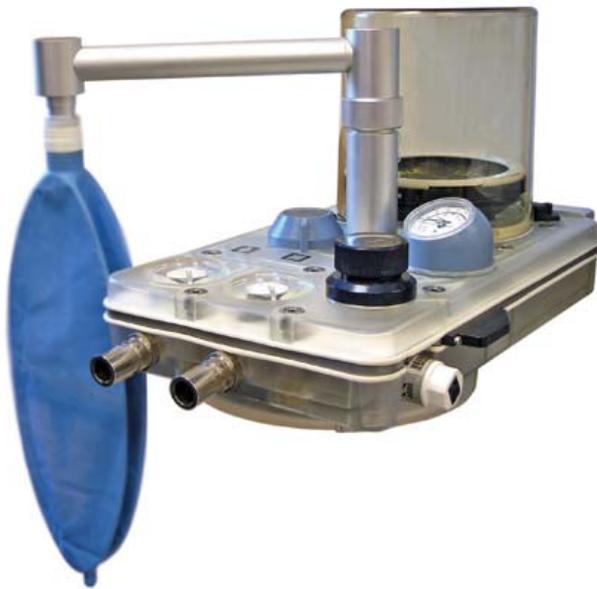
- Adult to infant anesthesia without requiring a system change
- Standard Pipeline and cylinder connections
- Oxygen therapy flow meter as standard
- Large clear pressure gauges
- Flow meter finger guard
- Large front handles
- Brakes on the front two casters
- Solid Aluminium structure with weighted base for stability, 175lb weight
- Data interface for export of ventilation data



The DRE Integra AV-S Anesthesia System The Competition...



	IntegraAV-S(2 vap)	Fabius GS (2 vap)	Aestiva (3 vap)	Aespire (2 vap)
Dimensions" h x d x w	53"x 31" x 28"+abs	51"x 32" x 35"+abs	54"x 33" x 37"+abs	53"x 29" x 29"
Weight lb	220 including 2 vaps	260 including 2 vaps	387 including 3 vaps	268 including 2 vaps
Top shelf " w x d	28" x 19.5"	30" x 19"	26" x 16"	26" x 16"
Work surface " w x d	23" x 14"	27" x 13"	18" x 12"	23" x 14"
Writing tablet	Optional	yes pull out	Optional	Optional
Drawers" h x d x w	Up to 3 x (7.7" x 16" x 20")	3 x	1 x (4" x 10" x 15")	2 x (6.9" x 10" x 13")
Flow meter type	Dual flow tubes	LED & combined flow	Dual flow tubes	Optional Dual flow
Gases as standard	O2, N2O & Air	O2, N2O & Air	Air is optional	Air is optional
Cylinders as standard	1xO2,1xN2O	Optional	Optional	Optional
Electrical outlets x 4	Standard	Optional	Optional	Optional
O2 Therapy Flow meter	Optional	Optional	Optional	Optional
MRI compatible*	Standard*	No	No	No
Scavenging & Suction	Optional	Optional	Built in	Built in
Anti Hypoxic Device	Direct drive	S-ORC	Chain Link - 25	Chain Link - 25



- Integrated ascending bellows
- Simple to use controls
- Ventilator Bag/Vent Ventilator auto switching
- Condensation management
- Integrated O₂ sensor
- Single canister – low volume
- Quick release canister – with auto seal
- Loose absorbent or standard pre-pack
- Autoclavable
- MRI compatible as standard
- Pressure gauge as standard
- Robust bag arm as standard



The DRE Integra AV-S Anesthesia System The Competition...

	A200SP	COSY	Absorber	ABS
Heated Circuit	Optional	No	No	No
Large, easy to reach controls	Yes	No	No	No
Integrated Ascending bellows	Yes	No bellows	yes	yes
“Pull out” GCX mounting	Yes	No	No	No
Vent Bag/Vent auto switching	Yes	No	yes	yes
Integrated O2 sensor	Yes	yes	yes	yes
Single canister, low compliance	Yes	yes	No	yes
Quick canister release with auto seal	Yes	yes	No	yes
Loose absorbent or standard pre-packs	Yes	No	Yes	No
Autoclavable	Yes	yes	yes	yes
MRI Compatible*	Standard	No	No	No
Robust Bag arm	Standard	Optional	Optional	Optional
Pressure Gauge	Standard	Optional	Optional	Optional



* Please refer to the DRE guidance document

Equipment for the way *you* operate

www.dremed.com



- Sophisticated and easy to use
- Large color touchscreen and control-wheel control system
- Volume and Pressure ventilation plus Pressure Support and spontaneous monitoring
- Electronic PEEP
- Single/dual waveform display
- Spirometry
- Auto or optional Dr set alarms
- Oxygen monitoring
- 60 minutes battery back up



The DRE Integra AV-S Anesthesia System The Competition...

	DRE AV-S	E-Vent	7900	7100
Screen type	Color touchscreen	EL black & Orange	EL black & Orange	LCD
Screen Size	8.4"	6.4"	6.4"	5,5"
Volume	Yes	yes	yes	yes
Pressure	Yes	yes	yes	Optional
Spontaneous monitoring	Yes	yes	yes	yes
Pressure Support	Yes	No	Optional	Optional
Control wheel & / or	Yes	yes	yes	yes
Touch Screen Control	Yes	No	No	No
Dual Waveform	Yes	No	No	No
Optional pre use check	Yes	Mandatory	No	no
Auto or manual alarms	Yes	yes	yes	yes
Integrated function	Yes	yes	yes	yes
Print from screen ability	Yes	No	No	No
Data outputs	Yes	yes	yes	yes
Tidal Volume ml	20-1600	20-1400	20-1500	45-1500
Frequency /min	4-100	4-60	4-100	4-65
I:E Ratio	3:1 to 1:8	4:1 to 1:4	2:1 to 1:8	2:1 to 1:6
Pressure V Limits	10-80	15-70	12-100	12-100
Electronic PEEP cmH2O	4-30	0-20	4-30	4-30
Fresh Gas Compensation	Yes	decoupling	yes	yes
Gas powered	Yes	no,electric	yes	yes
Battery Back Up	45mins	45mins	45mins	45mins
Oxygen Monitor	Yes	yes	yes	yes

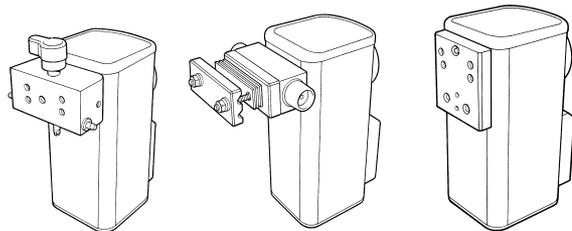


Equipment for the way *you* operate

www.dremed.com



- Attractive, high performance vaporizer
- Ergonomic forward facing control dial
- Selectatec[®], NAD^{®**} or cagemount mounting
- Superb performance, especially at low flows
- Sevoflurane, Isoflurane, Enflurane or halothane
- Keyed Filler, Pour Filler or Quik-Fil^{®***}
- Lowest body weight
- Winner of the UK Queen's Award for Industry
- Service Free*



*ten year scheduled service interval^Selectatec is a registered Trademark of GE

**NAD is a registered trademark of Dräger GMBH

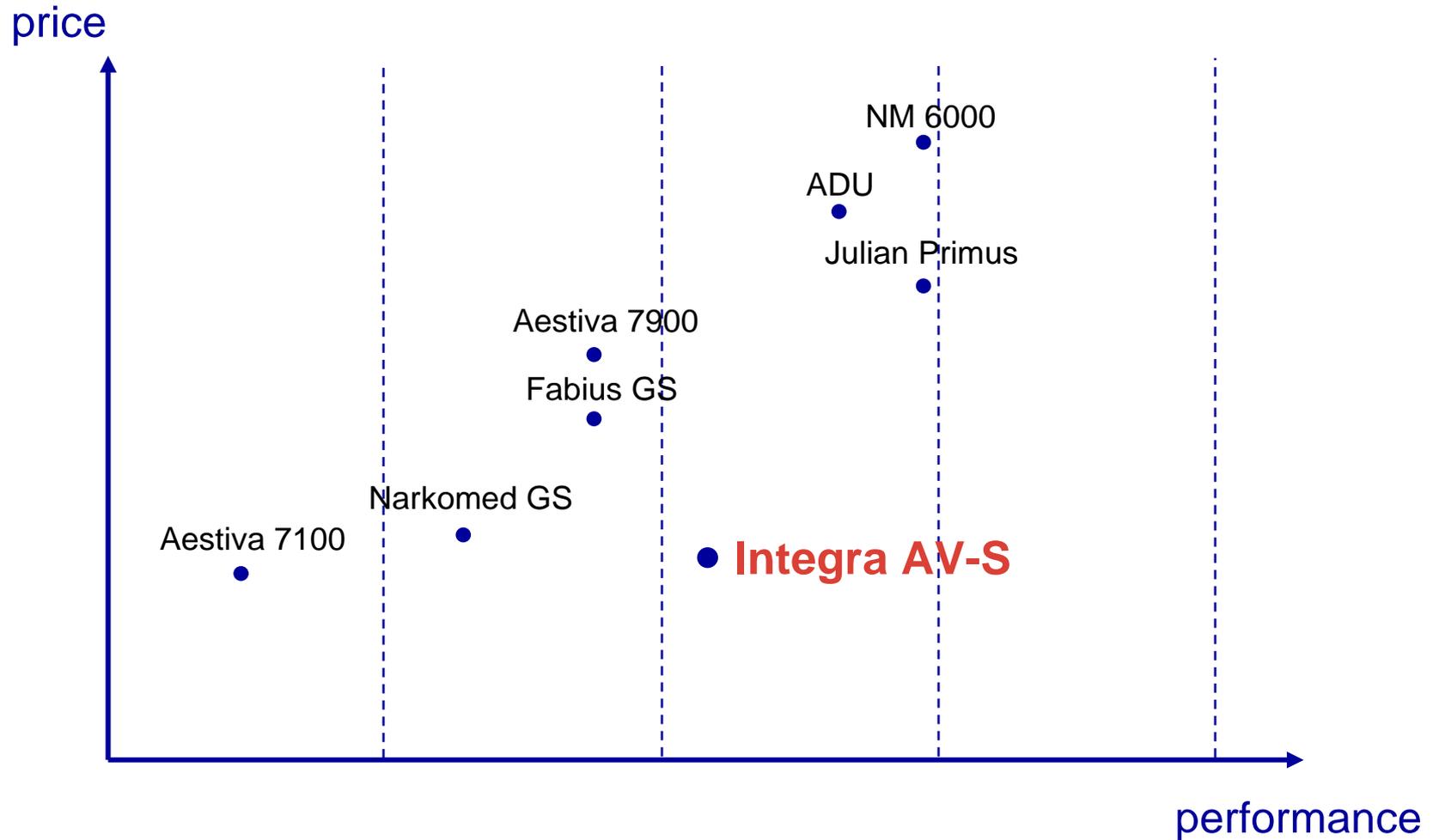
*** Quik-Fil is a registered trademark of Abbott Labs.



The DRE Integra AV-S Anesthesia System The Competition...



Vaporizer Feature	Delta	Vapor 2000	Tec 5	Tec 7
Weight lb	11	16	15	15
Back Bars	S'Tec, NAD, Cage	S'Tec, Cage	S'Tec	S'Tec
Mayor service interval 10 years	Yes	Yes	3 year	Yes
In-house service by user	Optional	NO	NO	NO
3 year Warrantee	Yes	Yes	Yes	Yes
Ergonomic push/turn control dial	Yes	No	No	No





- **AV800 high specification, ease of use, and the added benefit of multi-mode function. Competes with refurbished Ohmeda 7000 and 7800.**
- Used with A100 absorber
- Multi-mode function
 - Volume
 - pressure control
 - Spontaneous
- Inspiratory pause and inverse I:E ratio –
- Spirometry with Compliance compensation – accurate volume delivery
- Data print-out facility - comprehensive patient record keeping facility
- Single Autoclavable, Latex Free Bellows - suitable for adult and pediatric use
- IEEE Data Outputs
- 60 Minutes Battery Backup





- Low cost
- 3 gas with Anti-hypoxic device
- Portable – office or peripatetic use
- Low flow
- MRI compatible with N200





- Best features - as standard
- Value for money
- Service support