

A photograph of two surgeons in an operating room, wearing blue scrubs, masks, and hairnets, focused on a surgical procedure. The image is overlaid with a large blue circular graphic in the bottom right corner.

Eliminate health hazards to frontline medical staff

AGSS Anaesthetic Gas Scavenging System

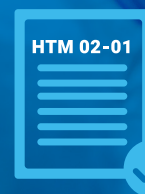


Protect your medical personnel

The Anaesthetic Gas Scavenging System (AGSS) is an active system which extracts and disposes of waste anaesthetic gas mixtures from operating theatres and any other areas fitted with nitrous oxide terminal units. The removal at source thus eliminates the possible long-term health hazards to exposed medical personnel.

Designed to exceed the standard

Our AGS system is compatible with any AGS receiver unit (available separately). BeaconMedæ's terminal units incorporate an adjustable orifice, which enables the flow rate to be adjusted in line with any standard including BS 6834 and EN ISO 7396-2 high-flow and low-flow systems.



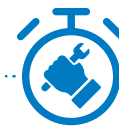
Remote Control Panel

The AGS system is activated by remote switches that can be installed at any convenient location either in or close by the operating and anaesthetic room.

Easy upgrade for any installation

- Full feature: includes vacuum regulator with inlet filter, BMS terminal, Pyrex drain flask.
- Easy commissioning and testing: vacuum gauge, manual mode and duty pump selector.
- Easy upgrade solution: compliant with HTM and ISO standards, features small footprint and includes copper stub pipe.

All you need and more for your Gas Scavenging



Quick onsite installation

Accessible mounting holes on the skid mounted system accompanied by interconnecting copper pipework provides an easy-to-install compact solution.



Clear status indication

Through its easy-to-read vacuum gauge you can monitor an accurate readout of the vacuum level in your pipeline.



Assured reliability

The robust pumps on the system come factory pre-piped, wired and tested.



Service-friendly design

Easy access to the inlet filter and duty pumps selector keeps your maintenance time to a minimum. Pre-greased bearings require no intervention during the lifetime of the system.



Precise vacuum regulation

When the vacuum levels are too high the vacuum relief valve releases atmospheric air to purge throughout the system that safeguards a desired vacuum level in the pipeline and provides cooling of the pump.



Trouble-free testing

The integrated vacuum gauge and manual mode functionality will facilitate onsite testing procedures.



Duplex or Simplex?

Where planned preventative maintenance or a breakdown of a blower could interrupt the smooth running of the operating department, a duplex system is strongly recommended. In the event of a blower malfunction, the stand-by unit is automatically brought online, ensuring the AGS system continues to provide protection for medical staff, and that operations do not have to be delayed or cancelled.

Simplex systems are allowed. However, HTM02-01 states that wherever a single AGS pump is provided for a single operating suite, a spare pump for up to six units should be provided for immediate connection into the system in the event of failure.



Life is in the details.®

