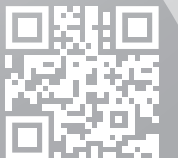




MEGASAN



# Anesthetic Gas Scavenging System Plants



[www.megasan.com.tr](http://www.megasan.com.tr)



**MEGASAN Medikal entered the sector in 1981 with assembly and maintenance works and started production in 1998.**

It continues its activities in its production facility established on a total area of 70 thousand m<sup>2</sup> with a closed area of 14 thousand m<sup>2</sup>. There is also a showroom in Ankara where the R&D and sales departments are located. Today, **MEGASAN Medikal A. Ş.** is one of the largest medical gas manufacturers in Europe. In addition to AGSS plants in its product range, it produces medical gas plants, area valve service units, medical gas outlets, patient service units, intensive care and emergency service units, pendants, gas adapters.

Today, **MEGASAN** has the rightful pride of offering dozens of best quality products and serves in gas installation projecting, installation and maintenance with its modern manufacturing building equipped with sensitive technological devices and equipments, engineers, extremely well-trained technicians, assembly and maintenance personnels. **MEGASAN Medikal**, is proud of its values and determined mind about getting better day by day.

Our aim; By closely following scientific and technological developments and following a policy parallel to the globalization process in the world, we aim to maintain our leading position in our sector and become a more respected company around the world, while also strengthening this leadership.

**Megasan**, has the CE (Conformity of Europe) certificate which is very rare in the medical sector in Turkey, proudly states once again that while providing the best service to all its customers;

*"The quality of our products is our best reference."*



## AGSS Plants

### Intended Use

Scavenging of anesthetic gases is essential for removing all residual anesthetic gases in the operating room, labor/delivery room, or recovery room. These gases can be truly harmful to exposed medical personnel, even at low concentrations.

The quality of scavenging equipment for the anesthetic gas is therefore very important.

Megasan produces Medical AGSS plants according to HTM 02-01 and EN ISO 7396-2 standards.



### Technical specification

|                     |                                                         |
|---------------------|---------------------------------------------------------|
| Product Code        | : MG-AGSSx (x: Number of Blowers (1,2,3,4...))          |
| Product Name        | : Medical Anesthetic Gas Scavenging System (AGSS)       |
| Number of Blowers   | : Min. 2 Blowers (Determined according to the project.) |
| Blower Capacity     | : 70, 135, 300... m <sup>3</sup> /h                     |
| Voltage / Frequency | : 380-400 V / 50-60 Hz (Varies depending on capacity)   |
| Filter              | : 1 Piece                                               |
| Collection Jar      | : 1 Piece                                               |



### AGSS Control Remote Panel

AGSS control remote panel is the user panel that communicates with the switchboards, allowing the blowers to be operated in the operating room and also monitoring alarm situations.

| STANDARD PRODUCT SELECTION TABLE |                                                |          |         |       |                     |             |                          |                               |
|----------------------------------|------------------------------------------------|----------|---------|-------|---------------------|-------------|--------------------------|-------------------------------|
| Product Code                     | Product Name                                   | Pump     |         |       | System Requirements |             |                          |                               |
|                                  |                                                | Capacity |         | Piece | HP                  | Energy (KW) | Min. Required Area (mt.) | Appr. Weight (Estimated) (Kg) |
|                                  |                                                | M3/H     | LPM     |       |                     |             |                          |                               |
| MG-AGSS-1                        | Medical Anesthetic Gas Scavenging Plant-1 Pump | 50,00    | 833,33  | 1,00  | 0,6                 | 0,45        | 1,5x1                    | 45,00                         |
|                                  |                                                | 90,00    | 1500,00 | 1,00  | 0,8                 | 0,62        | 1,5x1                    | 50,00                         |
|                                  |                                                | 150,00   | 2500,00 | 1,00  | 1,3                 | 1,00        | 1,5x1                    | 55,00                         |
|                                  |                                                | 210,00   | 3500,00 | 1,00  | 2,3                 | 1,75        | 1,5x1                    | 64,00                         |
| MG-AGSS-2                        | Medical Anesthetic Gas Scavenging Plant-2 Pump | 50,00    | 833,33  | 2,00  | 0,9                 | 0,65        | 1,5x2                    | 72,00                         |
|                                  |                                                | 90,00    | 1500,00 | 2,00  | 1,3                 | 0,99        | 1,5x2                    | 82,00                         |
|                                  |                                                | 150,00   | 2500,00 | 2,00  | 2,3                 | 1,75        | 1,5x2                    | 92,00                         |
|                                  |                                                | 210,00   | 3500,00 | 2,00  | 4,4                 | 3,25        | 1,5x2                    | 110,00                        |
| MG-AGSS-3                        | Medical Anesthetic Gas Scavenging Plant-3 Pump | 50,00    | 833,33  | 3,00  | 1,1                 | 0,85        | 1,5x2                    | 89,00                         |
|                                  |                                                | 90,00    | 1500,00 | 3,00  | 1,8                 | 1,36        | 1,5x2                    | 104,00                        |
|                                  |                                                | 150,00   | 2500,00 | 3,00  | 3,4                 | 2,50        | 1,5x2                    | 120,00                        |
|                                  |                                                | 210,00   | 3500,00 | 3,00  | 6,4                 | 4,75        | 1,5x2                    | 147,00                        |
| MG-AGSS-4                        | Medical Anesthetic Gas Scavenging Plant-4 Pump | 50,00    | 833,33  | 4,00  | 1,4                 | 1,05        | 1,5x2                    | 96,00                         |
|                                  |                                                | 90,00    | 1500,00 | 4,00  | 2,3                 | 1,73        | 1,5x2                    | 116,00                        |
|                                  |                                                | 150,00   | 2500,00 | 4,00  | 4,4                 | 3,25        | 1,5x2                    | 137,00                        |
|                                  |                                                | 210,00   | 3500,00 | 4,00  | 8,4                 | 6,25        | 1,5x2                    | 173,00                        |

\* Blower maximum working pressure is -760 mmHg.

\*\* Can be configured according to all projects and options (such as Blower, Filter Group, By-Pass System)

\*\*\* A distribution collector can be added to the power plant output according to the project requirements and demands.



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MEDİKAL GAZ SİSTEMLERİ TIBBİ ALET ve CİHAZLAR A.Ş.

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