SENAMED
Teknik ve Tıbbi Sistemler San. ve Tic. A.Ş.



COMBOX Lotus

Medical Gas Outlets

Lotus Combox is a medical gas outlet solution designed for surface-mounted installations. Its durable ABS housing and transparent protective cover provide lightweight construction, reliable protection, and a clean, modern appearance.

Compatible with **DIN and BS standard** Lotus gas outlets, it is ideal for dental clinics radiology departments, laboratories, and other healthcare environments where concealed installation is not feasible.

Its lightweight construction, practical installation, and modular design allow Lotus Combox to be installed as a single unit or combined with multiple independent gas outlet boxes for flexible system configurations.



COMBOX Lotus

Its durable ABS housing and protective cover provide lightweight performance and reliable protection.

Designed for surface mounting, it supports fast installation and modular configurations.

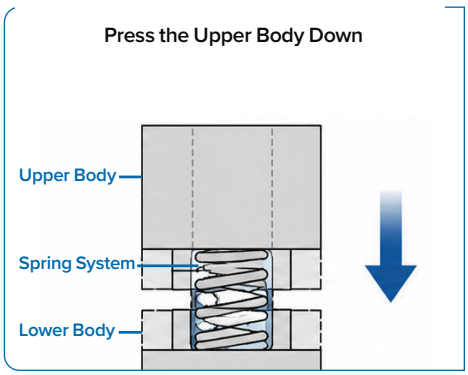
- **Lightweight & Durable**
  ABS Construction
- **DIN & BS Compatible**
  International Standard Compliance
- **Flexible Configuration**
  Single or Modular Use
- **Gas-Specific Indexing**
  Error-Proof Gas Connection
- **Fast Installation**
  Surface-Mounted Design
- **Protected Design**
  Transparent Protective Cover

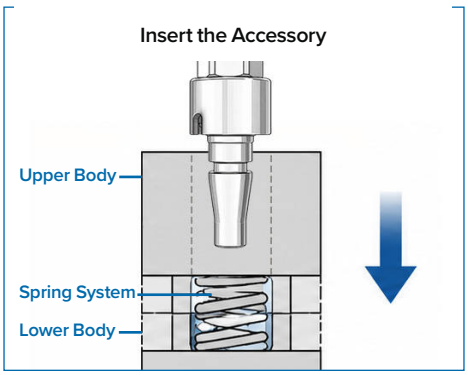
Spring-Loaded Locking Mechanism

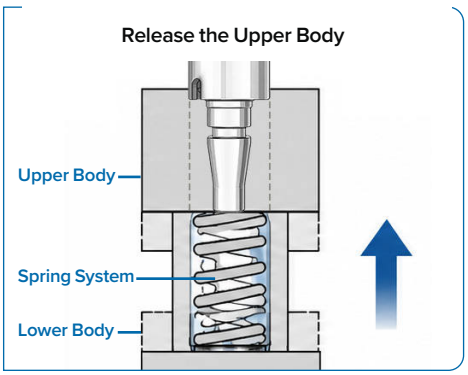
The outlet system features a spring-loaded locking mechanism integrated into the aluminum housing. During connection, the housing is pressed downward to engage the accessory, then returns and locks it in place.

This prevents accidental disconnection and ensures secure operation. Removal is only possible by pressing the housing again.









Compatible Products

The gas outlet system supports a wide range of medical gas accessories, ensuring safe connection and flexible use across different applications.



Flowmeter Group

Controlled oxygen and air flow with humidifiers.



Aspiration Group

Controlled vacuum systems for fluid and gas removal in clinical use.



Gas **Probes & Manometer** Valves

Gas-specific probes for secure medical gas connections. (DIN&BS)



Multiple Gas Outlets

Simultaneous gas use from a single outlet.



*** For detailed information, please refer to the relevant catalogs in our Medical Gas Accessories product range.*

MODEL	COMBOX LOTUS
General Features	
Compliance	BS - DIN
Operating Temperature	0–50 °C
Relative Humidity	30–85 %
Medical Gases	O_2 – N_2O – MA4 – SA7 – VAC – CO_2
Working Pressure	4-5 bar (Breathing Gases) 7-10 bar (Instrument Gases) (-0,4)–(-0,9) bar (Vacuum)
Max. Inlet Pressure	10 bar
Mechanical Features	
Upper Housing	Transparent ABS Plastic Protective Cover
Lower Housing	ABS Plastic Construction
Internal Mechanism	Lotus Gas Outlet
Internal Components	Brass
Application	Single or Modular Installation
Pipeline Connection	Copper Pipe
Gas Indexing System	ABS Plastic
Locking Mechanism	Spring-Loaded Locking Mechanism
Safety Feature	Two-Piece Design Prevents Gas Leakage During Maintenance
Gas Identification Label	International Color Coding
Installation Details	
Installation Height	900–1600 mm
Installation Type	Surface Mounted
Installation Orientation	Left to Right
Installation Order	O_2 – N_2O – MA4 – SA7 – VAC – CO_2
Dimensions	
Box Dimensions (W × D × H)	90×90×90
Gas Outlet Upper Housing Diameter	Ø50 mm
Gas Outlet Lower Housing Diameter	Ø50 mm
Copper Pipe Diameter	8 - 10 - 12 mm
Standards	
Quality Standards	EN ISO 13485:2016 – EN ISO 9001:2015
Management Standards	EN ISO 13485:2016 – EN ISO 9001:2015 – EN 1041 + A1:2011 EN ISO 14971:2012 – IEC 62366-1:2015 – EN ISO 15223-1:2016
Leaking Tests	EN ISO 10524-1 /-2 /-3 – EN ISO 9170-1:2008
Medical Gas Standards	HTM-02-01 – EN ISO 7396-1:2016 – EN ISO 5359 EN ISO 7396-1:2016 – EN ISO 7396-2:2007– EN ISO 11197:2020 EN ISO 9170-1:2008 – EN 10524-1:2019 – EN ISO 10524-2:2019 EN ISO 10524-3 – EN ISO 5359 – EN ISO 10079-3

Technical specifications may change without prior notice. The images are provided as examples and may vary depending on the model.



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CONTACT

+90 533 771 92 03
www.senamed.com.tr
sales@senamed.com.tr
linkedin.com/company/senamedtr/
Köşklü Çeşme Mh. Yeni Bağdat Cd. No:126 Gebze / Kocaeli / TÜRKİYE