

Synergy^{Insufflation}

Synergy^{Insufflation} Console



Synergy^{Insufflation} is a technologically sophisticated yet simple to use device for diagnostic and therapeutic endoscopic procedures to distend the peritoneal cavity by filling it with gas. The device has a volumetric flow rate of up to 50 L/min to quickly fill the abdomen. The intuitive touchscreen interface allows for quick and easy adjustment to the system. Pressure and volumetric flow rate can be adjusted based on preference between high flow and bariatric mode. A built-in heating element gives surgeons the ability to heat the gas prior to it entering the patient. Using our Synergy video management system, the heads-up display feature allows for easy visibility of system settings on the monitor. The system features a venting system and contamination alarm.

Product description	Item number
Synergy ^{Insufflation}	AR-3290-0004

Laparoskopinis insufliatorius su pašildymo ir pastovaus slėgio funkcija - 1 KOMPL.

Synergy^{Insufflation} Accessories

Consumables

	Product description and note	Item number
	Insufflation tube set, thin, ISO connector, sterile, disposable, qty. 20	Z0293
	Tube set, ISO connector, <u>autoclavable</u> , reusable 20×	<u>AR-3290-1002</u>
	Heated tube set, disposable, qty. 10	AR-3290-1007
	Heated tube set, autoclavable, reusable 100×	AR-3290-1008
	Filter, for insufflation, sterile, single use, qty. 50	<u>4222/701</u>
	Adapter for ISO / corrugated connector (barbed connector)	Z0164-01

6.1 Sterilizuojami žarneli rinkiniai insufliacijai, 3 vnt.



6.3 CO2 dujų filtrai

Gas Connectors

	Product description and note	Item number
	Universal gas supply connector CO ₂ , straight (included in AR-3290-0004)	Z5078-01
	Universal gas supply connector CO ₂ , angled	Z5077-01
	US adapter, for universal gas supply connector (included in AR-3290-0004)	Z5073-01
	DISS adapter for universal gas supply connector	Z5075-01
	Sinter filter, for universal gas connection, qty. 5	Z5072-01
	Switch valve, for connecting 2 bottles	Z0531-00

High-Pressure Hoses

Product description	Item number	Device: US / Central gas supply: UNI (Italian), 3 m	Z5104-01
Device: US / Bottle: DIN, 1.5 m	Z5044-01	Device: US / Central gas supply: UNI (Italian), 5 m	Z5105-01
Device: US / Bottle: ISO, 1.5 m	Z5045-01	Device: US / Central gas supply: AGA, 3 m	Z5106-01
Device: US / Bottle: PIN INDEX, 1.5 m	Z0499-01	Device: US / Central gas supply: AGA, 5 m	Z5107-01
Device: US / Central gas supply: DIN, 3 m	Z5100-01	Device: DISS / Central gas supply: DISS, 3 m	Z5108-01
Device: US / Central gas supply: DIN, 5 m	Z5101-01		
Device: US / Central gas supply: NF (French), 3 m	Z5102-01		
Device: US / Central gas supply: NF (French), 5 m	Z5103-01		

6.2 Žarna insuflatoriaus pajungimui į ligoninės dujų tiekimo sistemą.

Komentaras: pasirenkama užsakymo metu ar bus naudojama su dujų balionu ar centrene dujų tiekimo sistema

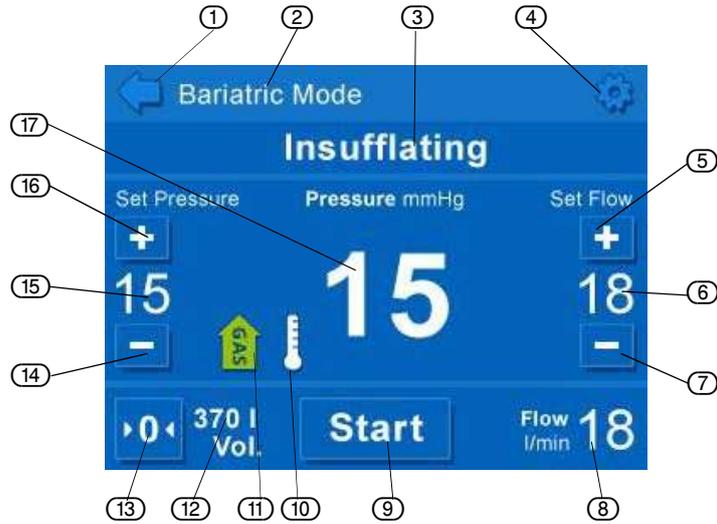
4. Esamų ir siekiamų dujų padavimo greičio verčių vaizdavimas

5.3

Touch Screen Display

Fig. 5-3 Screen displays

- ① Insufflation mode selection
- ② Insufflation mode display
- ③ Status display/error and warning messages
- ④ Menu
- ⑤ Increasing nominal gas flow
- ⑥ Nominal gas flow display
- ⑦ Decrease nominal gas flow
- ⑧ Actual gas flow display
- ⑨ START/STOP function field
- ⑩ Gas heater connected/ready
- ⑪ Gas supply display
- ⑫ Gas consumption display
- ⑬ Function field to reset the gas consumption display (reset button)
- ⑭ Decrease nominal pressure
- ⑮ Nominal pressure display
- ⑯ Increase nominal pressure
- ⑰ Abdominal pressure display



The above depiction of the touch screen also shows all display and function fields.

4. Esamų ir siekiamų dujų padavimo slėgio verčių vaizdavimas

Gas supply displays

The status of the gas supply is monitored by the device and indicated with symbols and acoustic signals (see chapter 9 Safety Functions for gas pressure display information).

Gas supply with gas bottle

The following gas bottle pressures are displayed:

5. Sunaudoto dujų kiekio vaizdavimas

	> 50 bar
	40 - 50 bar
	30 - 40 bar
	15 - 30 bar; Three acoustics warning signals (beeps) can be heard and the message "Change gas bottle" is displayed. User is advised to prepare for changing the gas bottle.
	< 15 bar; Three warning signals can be heard and the message "Check gas supply" is displayed. Immediately replace the gas bottle.

If the gas cylinder pressure keeps falling, warnings will appear to remind the user to replace the gas bottle immediately. At < 5 bar and again at 0 bar, 5 beeps will sound and the display depicts "Check Gas Supply." Insufflation stops at 0 bar.

House gas supply

The following house gas supply pressures are displayed:

I&R Tender Specifications EMEA

The document is intended for internal use only and must not be forwarded to third parties including customers.

The intent of this document is to provide a comprehensive list of product specifications and features for Imaging & Resection products. If you have any questions, feel free to reach out to SynergyPM@arthrex.de.

