

Pressure regulator with flow  
selector for gas therapy  
Riduttori di pressione per gasterapia  
con selettore di flusso

---

**2270**



**AFNOR**



**DIN**



**UNI**



**BS**



**PININDEX**

## Riduttori di pressione per gas terapia con selettore di flusso Pressure regulator with flow selector for gas therapy



**2270**

Reducer for oxygentherapy with flow selector with calibrated holes and projected in accordance with **ISO 10524-1** standard (full scales available: 0-6 L/min; 0-10 L/min; 0-15 L/min)

This reducer is realised in chemical nickel treated brass and equipped with a pressure gauge and an overpressure relief valve.

The cylinder connection can be manual gripping or with classic exagonal screw nut, available the **UNI / AFNOR / DIN / BS / CGA** standard connection.

Riduttore per ossigenoterapia dotato di selettore di flusso con fori calibrati e realizzato ai sensi della norma **ISO 10524-1** (Scale di misura: 0-6 L/min; 0-10 L/min; 0-15 L/min)

Il corpo del riduttore è realizzato in ottone nichelato chimicamente ed è completo di manometro e valvola di scarico sovrappressione.

L'attacco bombola può essere a stringimento manuale o con classico dado esagonale, disponibili connessioni: **UNI / AFNOR / DIN / BS / SS / CGA**.

Pressure regulator with flow selector for gas therapy series **2270**

**Technical data**

**SUITABLE FOR THE FOLLOWING GAS:** O<sub>2</sub>

**MAX INLET PRESSURE:** 200 bar

**MIN INLET PRESSURE:** 10 bar

**PRESSURE FLOW MEASUREMENT:** atmospheric

**OUTLET PRESSURE:** 4 ÷ 5 bar

**INLET CONNECTION:** gas-specific connection

**OUTLET CONNECTION:**

- G 1/4

- UNF 9/16

**OPERATING TEMPERATURE:** -5 ÷ +40 °C

**WEIGHT:** 0.73 Kg

**STANDARD:** ISO 15001, ISO 10524-1

**DESGREASED IN ACCORDANCE WITH ISO 15001**

**REGULATORS ARE PROVIDED WITH SAFETY VALVE**

**FLOW RATE:**

| VERSIONE 1÷6 L/min |       |     |       | VERSIONE 1÷10 L/min |       |    |       | VERSIONE 1÷15 L/min |       |    |       |
|--------------------|-------|-----|-------|---------------------|-------|----|-------|---------------------|-------|----|-------|
| 1                  | L/min | 4   | L/min | 1                   | L/min | 6  | L/min | 1                   | L/min | 7  | L/min |
| 1,5                | L/min | 4,5 | L/min | 1,5                 | L/min | 7  | L/min | 2                   | L/min | 8  | L/min |
| 2                  | L/min | 5   | L/min | 2                   | L/min | 8  | L/min | 3                   | L/min | 9  | L/min |
| 2,5                | L/min | 5,5 | L/min | 3                   | L/min | 9  | L/min | 4                   | L/min | 12 | L/min |
| 3                  | L/min | 6   | L/min | 4                   | L/min | 10 | L/min | 5                   | L/min | 15 | L/min |
| 3,5                | L/min |     | L/min | 5                   | L/min |    | L/min | 6                   | L/min |    | L/min |

**Gas table**

| GAS    | SYMBOL         | COLOR |
|--------|----------------|-------|
| Oxygen | O <sub>2</sub> | White |

**Product Codes**

Regulator **2270** with flow selector and **UNI** cylinder connection

**10400U-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-15L/MIN G1/4 M UNI

**10401U-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-15L/MIN 9/16 UNI

**10402U-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-6L/MIN G1/4 M UNI

**10403U-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-6L/MIN 9/16 UNI

**10404U-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-10L/MIN G1/4 M UNI

**10405U-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-10L/MIN 9/16 UNI

Regulator **2270** with flow selector and **DIN** cylinder connection

**10400D-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-15L/MIN G1/4 M DIN

**10401D-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-15L/MIN 9/16 DIN

**10402D-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-6L/MIN G1/4 M DIN

**10403D-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-6L/MIN 9/16 DIN

**10404D-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-10L/MIN G1/4 M DIN

**10405D-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-10L/MIN 9/16 DIN

Regulator **2270** with flow selector and **AFNOR** cylinder connection

**10400A-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-15L/MIN G1/4 M AFNOR

**10401A-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-15L/MIN 9/16 AFNOR

**10402A-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-6L/MIN G1/4 M AFNOR

**10403A-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-6L/MIN 9/16 AFNOR

**10404A-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-10L/MIN G1/4 M AFNOR

**10405A-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-10L/MIN 9/16 AFNOR

Regulator **2270** with flow selector and **BS** cylinder connection

**10400B-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-15L/MIN G1/4 M BS

**10401B-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-15L/MIN 9/16 BS

**10402B-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-6L/MIN G1/4 M BS

**10403B-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-6L/MIN 9/16 BS

**10404B-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-10L/MIN G1/4 M BS

**10405B-2270** REG. 2270 200 BAR O<sub>2</sub> SELECTOR 0-10L/MIN 9/16 BS

Pressure regulator with flow selector for gas therapy series **2270**

Page 2 of 2

**Product Codes**

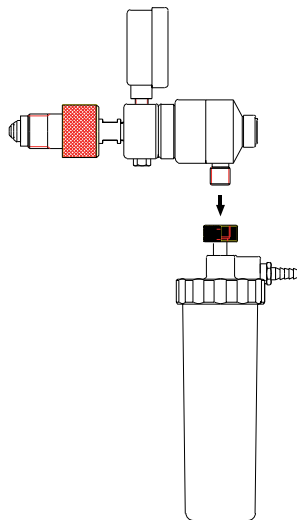
Regulator **2270** with flow selector and **SS** cylinder connection

- 10400S-2270** REG. 2270 200 BAR **O<sub>2</sub>** SELECTOR 0-15L/MIN G1/4 M SS
- 10401S-2270** REG. 2270 200 BAR **O<sub>2</sub>** SELECTOR 0-15L/MIN 9/16 SS
- 10402S-2270** REG. 2270 200 BAR **O<sub>2</sub>** SELECTOR 0-6L/MIN G1/4 M SS
- 10403S-2270** REG. 2270 200 BAR **O<sub>2</sub>** SELECTOR 0-6L/MIN 9/16 SS
- 10404S-2270** REG. 2270 200 BAR **O<sub>2</sub>** SELECTOR 0-10L/MIN G1/4 M SS
- 10405S-2270** REG. 2270 200 BAR **O<sub>2</sub>** SELECTOR 0-10L/MIN 9/16 SS

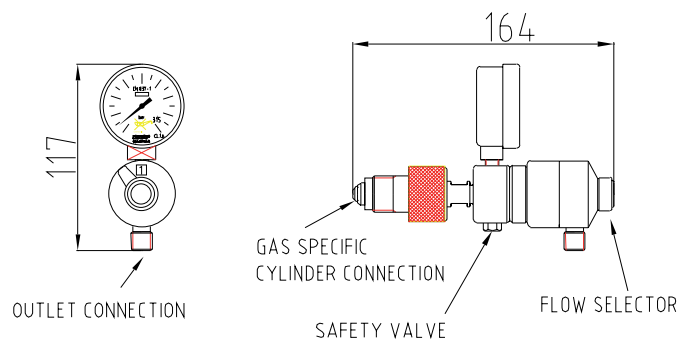
Regulator **2270** with flow selector and **CGA** cylinder connection

- 10400A-2270** REG. 2270 200 BAR **O<sub>2</sub>** SELECTOR 0-15L/MIN G1/4 M CGA
- 10401A-2270** REG. 2270 200 BAR **O<sub>2</sub>** SELECTOR 0-15L/MIN 9/16 CGA
- 10402A-2270** REG. 2270 200 BAR **O<sub>2</sub>** SELECTOR 0-6L/MIN G1/4 M CGA
- 10403A-2270** REG. 2270 200 BAR **O<sub>2</sub>** SELECTOR 0-6L/MIN 9/16 CGA
- 10404A-2270** REG. 2270 200 BAR **O<sub>2</sub>** SELECTOR 0-10L/MIN G1/4 M CGA
- 10405A-2270** REG. 2270 200 BAR **O<sub>2</sub>** SELECTOR 0-10L/MIN 9/16 CGA

Pressure regulator **2270** with flow selector  
(Example of connection with humidifier)



Pressure regulator **2270** with flow selector  
(Example with AFNOR cylinder connection)



Riduttori di pressione per gasterapia serie **2270** con selettore di flusso

### Specifiche Tecniche

**GAS DI PROCESSO:** O<sub>2</sub>  
**PRESSIONE DI INGRESSO MAX:** 200 bar  
**PRESSIONE DI INGRESSO MIN:** 10 bar  
**PRESSIONE DI MISURA DEL FLUSSO:** atmosferica  
**PRESSIONE DI USCITA:** 4 ÷ 5 bar  
**CONNESSIONI DI INGRESSO:** asse attacco bombola gas-specifico  
**CONNESSIONI DI USCITA:**  
- G 1/4 oppure  
- UNF 9/16

**TEMPERATURA DI UTILIZZO:** -5 ÷ +40 °C  
**PESO MAX:** 0.73 Kg  
**NORME DI RIFERIMENTO:** ISO 15001, ISO 10524-1  
**SGRASSAGGIO AI SENSI DELLA NORMA ISO 15001**  
**I RIDUTTORI SONO FORNITI / DOTATI DI VALVOLA DI SICUREZZA**

#### PORTATE RIDUTTORI SERIE 2270 CON SELETTORE DI FLUSSO:

| VERSIONE 1÷6 L/min |       |     |       | VERSIONE 1÷10 L/min |       |    |       | VERSIONE 1÷15 L/min |       |    |       |
|--------------------|-------|-----|-------|---------------------|-------|----|-------|---------------------|-------|----|-------|
| 1                  | L/min | 4   | L/min | 1                   | L/min | 6  | L/min | 1                   | L/min | 7  | L/min |
| 1,5                | L/min | 4,5 | L/min | 1,5                 | L/min | 7  | L/min | 2                   | L/min | 8  | L/min |
| 2                  | L/min | 5   | L/min | 2                   | L/min | 8  | L/min | 3                   | L/min | 9  | L/min |
| 2,5                | L/min | 5,5 | L/min | 3                   | L/min | 9  | L/min | 4                   | L/min | 12 | L/min |
| 3                  | L/min | 6   | L/min | 4                   | L/min | 10 | L/min | 5                   | L/min | 15 | L/min |
| 3,5                | L/min |     | L/min | 5                   | L/min |    | L/min | 6                   | L/min |    | L/min |

### Tabella identificativa gas

| NOME GAS | SIMBOLO GAS    | COLORE IDENTIFICATIVO |
|----------|----------------|-----------------------|
| Ossigeno | O <sub>2</sub> | Bianco                |

### Codici prodotti di riferimento

Riduttori serie **2270** con selettore di flusso e attacco bombola **UNI**

**10400U-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-15L/MIN G1/4 M UNI  
**10401U-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-15L/MIN 9/16 UNI  
**10402U-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-6L/MIN G1/4 M UNI  
**10403U-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-6L/MIN 9/16 UNI  
**10404U-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-10L/MIN G1/4 M UNI  
**10405U-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-10L/MIN 9/16 UNI

Riduttori serie **2270** con selettore di flusso e attacco bombola **DIN**

**10400D-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-15L/MIN G1/4 M DIN  
**10401D-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-15L/MIN 9/16 DIN  
**10402D-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-6L/MIN G1/4 M DIN  
**10403D-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-6L/MIN 9/16 DIN  
**10404D-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-10L/MIN G1/4 M DIN  
**10405D-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-10L/MIN 9/16 DIN

Riduttori serie **2270** con selettore di flusso e attacco bombola **AFNOR**

**10400A-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-15L/MIN G1/4 M AFNOR  
**10401A-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-15L/MIN 9/16 AFNOR  
**10402A-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-6L/MIN G1/4 M AFNOR  
**10403A-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-6L/MIN 9/16 AFNOR  
**10404A-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-10L/MIN G1/4 M AFNOR  
**10405A-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-10L/MIN 9/16 AFNOR

Riduttori serie **2270** con selettore di flusso e attacco bombola **BS**

**10400B-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-15L/MIN G1/4 M BS  
**10401B-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-15L/MIN 9/16 BS  
**10402B-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-6L/MIN G1/4 M BS  
**10403B-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-6L/MIN 9/16 BS  
**10404B-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-10L/MIN G1/4 M BS  
**10405B-2270** RID. 2270 200 BAR O<sub>2</sub> SELET. FLUS. 0-10L/MIN 9/16 BS

Riduttori di pressione per gasterapia serie **2270** con selettore di flusso

Pagina 2 di 2

### Codici prodotti di riferimento

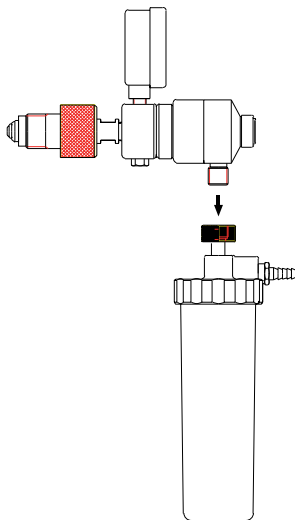
Riduttori serie **2270** con selettore di flusso e attacco bombola **SS**

- 10400S-2270** RID. 2270 200 BAR **O<sub>2</sub>** SELET. FLUS. 0-15L/MIN G1/4 M SS
- 10401S-2270** RID. 2270 200 BAR **O<sub>2</sub>** SELET. FLUS. 0-15L/MIN 9/16 SS
- 10402S-2270** RID. 2270 200 BAR **O<sub>2</sub>** SELET. FLUS. 0-6L/MIN G1/4 M SS
- 10403S-2270** RID. 2270 200 BAR **O<sub>2</sub>** SELET. FLUS. 0-6L/MIN 9/16 SS
- 10404S-2270** RID. 2270 200 BAR **O<sub>2</sub>** SELET. FLUS. 0-10L/MIN G1/4 M SS
- 10405S-2270** RID. 2270 200 BAR **O<sub>2</sub>** SELET. FLUS. 0-10L/MIN 9/16 SS

Riduttori serie **2270** con selettore di flusso e attacco bombola **CGA**

- 10400A-2270** RID. 2270 200 BAR **O<sub>2</sub>** SELET. FLUS. 0-15L/MIN G1/4 M CGA
- 10401A-2270** RID. 2270 200 BAR **O<sub>2</sub>** SELET. FLUS. 0-15L/MIN 9/16 CGA
- 10402A-2270** RID. 2270 200 BAR **O<sub>2</sub>** SELET. FLUS. 0-6L/MIN G1/4 M CGA
- 10403A-2270** RID. 2270 200 BAR **O<sub>2</sub>** SELET. FLUS. 0-6L/MIN 9/16 CGA
- 10404A-2270** RID. 2270 200 BAR **O<sub>2</sub>** SELET. FLUS. 0-10L/MIN G1/4 M CGA
- 10405A-2270** RID. 2270 200 BAR **O<sub>2</sub>** SELET. FLUS. 0-10L/MIN 9/16 CGA

Esempio di collegamento di un riduttore  
serie **2270** con un umidificatore



Rid. **2270** con selettore di flusso  
(Esempio con attacco bombola a norma **AFNOR**)

