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Medical Regulators



TAVAN JAM CO.

SINA-medical Oxygen pressure regulator with Flowmeter and Humidifier

TJM 0103



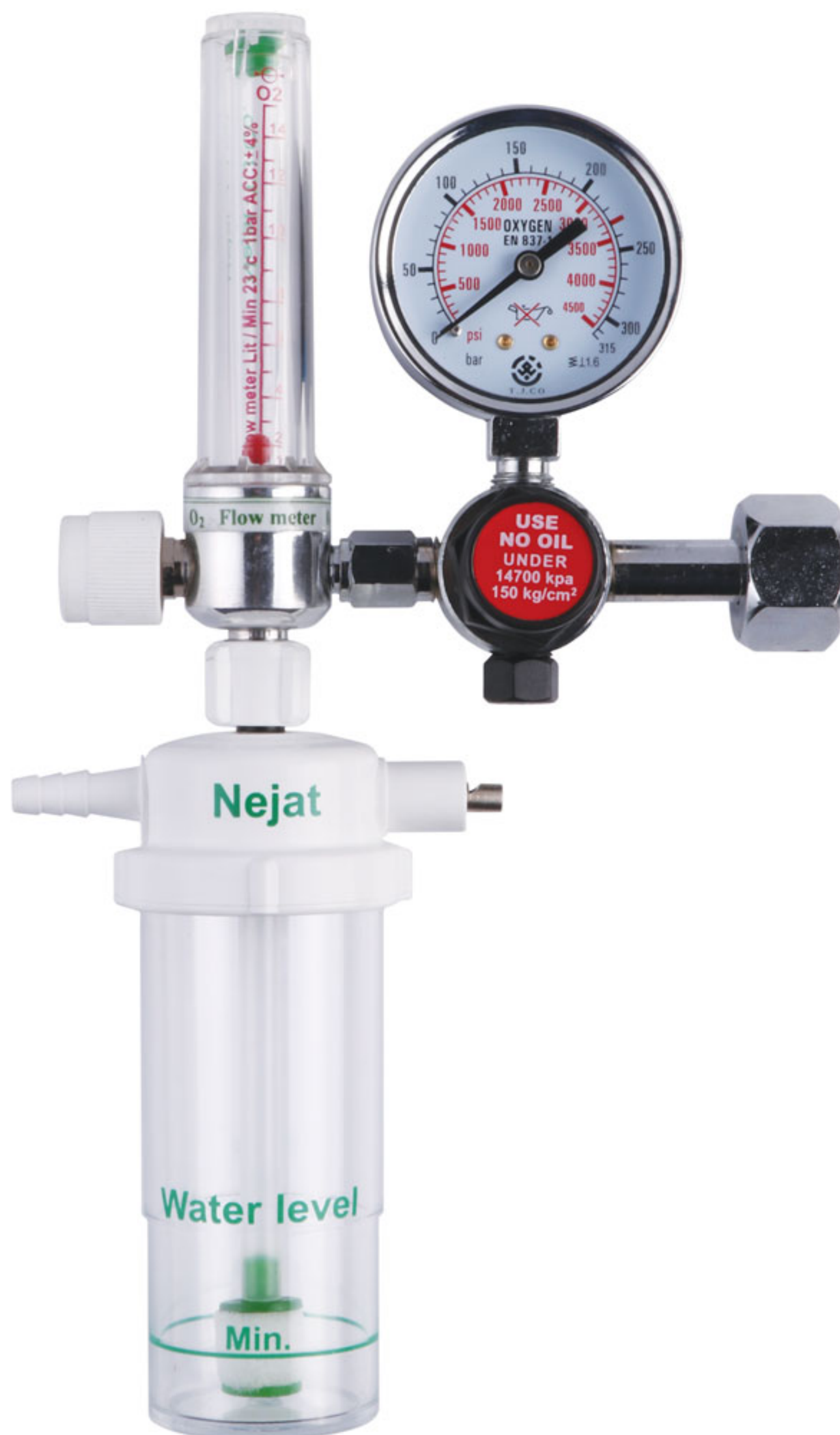
Main technical features:

- 1-Chrome Nickel-plated brass body with all brass high-pressure chamber
- 2-Integrated relief valve protected in the body of the pressure regulator thus ensuring its inviolability and its reliability
- 3-Pressure gauge protected against shocks thanks to a plastic bumper
- 4-Sintered bronze filter for additional safety and to extend regulator life
- 5-Piston type pressure regulator for a great reliability
- 6-Flowmeter with measuring tube 0-15 L/min, continuously manual adjustable and Accuracy of Measurement of the Flowmeter $\pm 10\%$
- 7-Pressure reducer (3.6-5.5 bar) for oxygen bottles up to 200 bar with content manometer and manual screw cap
- 8-polycarbonate bottles are impact resistance for maximum durability service life
- 9-all metal parts made of brass
- 10-Hand-tight, tool-free connection to the Oxygen tank
- 11- Alarmed relief valve protected in the humidifier thus ensuring its inviolability and its reliability
- 12 - Humidifier Bottle Capacity : 100ml



NEJAT-medical Oxygen pressure regulator with Flowmeter and Humidifier

TJM 0101



Main technical features:

- 1-Chrome Nickel-plated brass body with all brass high-pressure chamber
- 2-Integrated relief valve protected in the body of the pressure regulator thus ensuring its inviolability and its reliability
- 3-Sintered bronze filter for additional safety and to extend regulator life
- 4-Piston type pressure regulator for a great reliability
- 5-Flowmeter with measuring tube 0-15 L/min, continuously manual adjustable and with Flowmeter accuracy $\pm 10\%$
- 6-Pressure reducer (3.6-5.5 bar) for oxygen bottles up to 200 bar
- 7-polycarbonate bottles are impact resistance for maximum durability service life
- 8-flow meter body made of hard anodized aluminum
- 9- Alarmed relief valve protected in the humidifier thus ensuring its inviolability and its reliability
- 10- Humidifier Bottle Capacity : 100ml

KIMIA-medical Oxygen pressure regulator with Humidifier

TJM 0102



Main technical features:

- 1-Chrome Nickel-plated brass body with all brass high-pressure chamber
- 2-Integrated relief valve protected in the body of the pressure regulator thus ensuring its inviolability and its reliability
- 3-Sintered bronze filter for additional safety and to extend regulator life
- 4-Piston type pressure regulator for a great reliability
- 5- manual adjustable Flow rate with measuring 0-15 L/min
- 6-Pressure reducer (3.6-5.5 bar) for oxygen bottles up to 200 bar
- 7-polycarbonate bottles are impact resistance for maximum durability service life
- 8-all metal parts made of brass
- 9- Alarmed relief valve protected in the humidifier thus ensuring its inviolability and its reliability
- 10- Humidifier Bottle Capacity : 100ml



SALAMAT- medical Oxygen pressure regulator with Flowmeter and Humidifier

TJM 0115



Main technical features:

- 1-Chrome Nickel-plated brass body with all brass high-pressure chamber
- 2-Integrated relief valve protected in the body of the pressure regulator thus ensuring its inviolability and its reliability
- 3-Sintered bronze filter for additional safety and to extend regulator life
- 4-Piston type pressure regulator for a great reliability
- 5-Flowmeter with measuring tube 0-15 L/min, continuously manual adjustable and with Flowmeter accuracy $\pm 10\%$
- 6-Pressure reducer (3.6-5.5 bar) for oxygen bottles up to 200 bar
- 8-flowmeter body made of hard anodized aluminum
- 9- Rotational capability 360° hose nipple of humidifier outlet for connection of nasal cannula or oxygen mask
- 10- Humidifier Bottle Capacity : 100ml

EHYA - Medical Oxygen pressure regulator

TJM 0114



Main technical features:

- 1-Chrome Nickel-plated brass body with all brass high-pressure chamber
- 2-Integrated relief valve protected in the body of the pressure regulator thus ensuring its inviolability and its reliability
- 3-Sintered bronze filter for additional safety and to extend regulator life
- 4-Piston type pressure regulator for a great reliability
- 5-Pressure reducer (3.6-5.5 bar) for oxygen bottles up to 200 bar
- 6-all metal parts made of brass
- 7- Outlet flow control capability
- 8-almost Lightweight and easy to control
- 9-Input pressure gauge of 5 cm
- 10-Due to the low space required, suitable for use in First Aid Bag and ambulances



TAVAN JAM CO.

Medical Regulators

Medical oxygen pressure regulator
Without humidifier (dry)

TJM 0104



Main technical features:

- 1-Chrome Nickel-plated brass body with all brass high-pressure chamber
- 2-Integrated relief valve protected in the body of the pressure regulator thus ensuring its inviolability and its reliability
- 3-Sintered bronze filter for additional safety and to extend regulator life
- 4-Piston type pressure regulator for a great reliability
- 5-Pressure reducer (3.6-5.5 bar) for oxygen bottles up to 200 bar
- 6-Input pressure gauge of 5 cm
- 7- Manual adjustable of outlet Flow
- 8- suitable for use in ambulances and hospital bed

Medical oxygen pressure regulator With Nipple Hose Ø10mm

TJBM 202



Main technical features:

- 1-Chrome Nickel-plated brass body with all brass high-pressure chamber
- 2-Integrated relief valve protected in the body of the pressure regulator thus ensuring its inviolability and its reliability
- 3-Sintered bronze filter for additional safety and to extend regulator life
- 4-Piston type pressure regulator for a great reliability
- 5-Pressure reducer (3.6-5.5 bar) for oxygen bottles up to 200 bar
- 6-Lightweight
- 7-Input pressure gauge of 5 cm
- 8- suitable for use in ambulances



TAVAN JAM CO.

Medical Regulators

Medical oxygen pressure regulator
With inlet pressure gauge of 3000 psi

TJBM 165

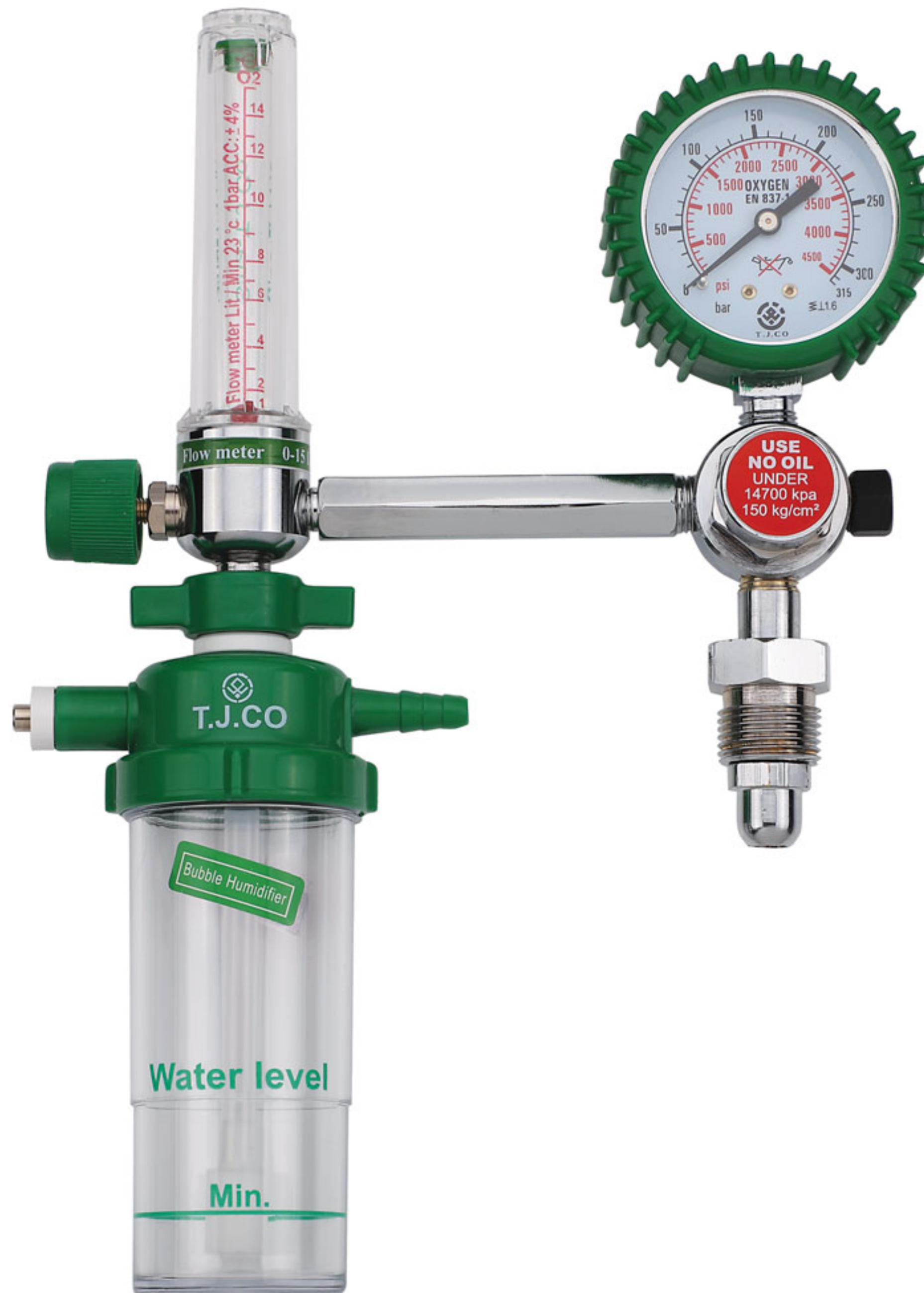


Main technical features:

- 1-Chrome Nickel-plated brass body with all brass high-pressure chamber
- 2-Integrated relief valve protected in the body of the pressure regulator thus ensuring its inviolability and its reliability
- 3-Sintered bronze filter for additional safety and to extend regulator life
- 4-Piston type pressure regulator for a great reliability
- 5-Pressure reducer (3.6-5.5 bar) for oxygen bottles up to 200 bar
- 6-all metal parts made of brass
- 7-Lightweight
- 8-Input pressure gauge of 4 cm
- 9-Due to the low space required, suitable for use in First Aid Bag and ambulances

Medical Oxygen pressure regulator with Flowmeter and Humidifier Bull Nose Type and top valve connection

TJBM 239



Main technical features:

- 1-Chrome Nickel-plated brass body with all brass high-pressure chamber
- 2-Integrated relief valve protected in the body of the pressure regulator thus ensuring its inviolability and its reliability
- 3-Pressure gauge protected against shocks thanks to a plastic bumper
- 4-Sintered bronze filter for additional safety and to extend regulator life
- 5-Piston type pressure regulator for a great reliability
- 6-Flowmeter with measuring tube 0-15 L/min, continuously manual adjustable and Accuracy of Measurement of the Flowmeter $\pm 10\%$
- 7-Pressure reducer (3.6-5.5 bar) for oxygen bottles up to 200 bar with content manometer and manual screw cap
- 8-polycarbonate bottles are impact resistance for maximum durability service life
- 9-all metal parts made of brass
- 10- for use Oxygen cylinder with Bull Nose Type and top valve connection
- 11- Alarmed relief valve protected in the humidifier thus ensuring its inviolability and its reliability
- 12- Humidifier Bottle Capacity : 100ml



TAVAN JAM CO.

Medical Regulators

Oxygen pressure regulator
Double gauge

TJI 0208



Main technical features:

- 1-Machined brass body resists corrosion and extends service life
- 2-Integrated relief valve protected in the body of the pressure regulator thus ensuring its inviolability and its reliability
- 3-Pressure gauge protected against shocks thanks to a plastic bumper
- 4-Sintered bronze filter for additional safety and to extend regulator life
- 5-Piston type pressure regulator for a great reliability
- 6- Manual Adjustable outlet working pressure 0-10 bar
- 7-Inlet pressure up to 230 bar
- 8-with the shut-off valve in the outlet
- 9-Used for ventilator
- 10- Dual scale pressure gauge; psi and bar

Ar/CO₂ pressure regulator Double gauge

TJM 0210



Main technical features:

- 1-Machined brass body resists corrosion and extends service life
- 2-Integrated relief valve protected in the body of the pressure regulator thus ensuring its inviolability and its reliability
- 3-Pressure gauge protected against shocks thanks to a plastic bumper
- 4-Sintered bronze filter for additional safety and to extend regulator life
- 5-Piston type pressure regulator for a great reliability
- 6- Manual Adjustable outlet working pressure 0-10 bar
- 7-Inlet pressure up to 230 bar
- 8-with the shut-off valve in the outlet
- 9- Dual scale pressure gauge; psi and bar



TAVAN JAM CO.

Medical Regulators

CO₂ pressgulator
Quadruple Stage with constant outlet pressure

TJM 0106



Main technical features:

- 1-Integrated relief valve protected in the body of the pressure regulator thus ensuring its inviolability and its reliability
- 2-Pressure gauge protected against shocks thanks to a plastic bumper
- 3-Sintered bronze filter for additional safety and to extend regulator life
- 4-Piston type pressure regulator for a great reliability
- 5- Adjustable constant outlet working pressure 0-3 bar
- 6-Inlet pressure up to 230 bar
- 7-with the shut-off valve in the outlet
- 8-Used for CO₂ Incubator

N₂O pressure regulator Single Gauge

TJM 0111



Main technical features:

- 1-Integrated relief valve protected in the body of the pressure regulator thus ensuring its inviolability and its reliability
- 2-Pressure gauge protected against shocks thanks to a plastic bumper
- 3-Piston type pressure regulator for a great reliability
- 4-Adjustable Working outlet pressure 0-8 bar
- 5-Inlet pressure up to 230 bar



TAVAN JAM CO.

Medical Regulators

N₂O pressure regulator
Double gauge

TJM 0107



Main technical features:

- 1-Integrated relief valve protected in the body of the pressure regulator thus ensuring its inviolability and its reliability
- 2-Inlet Pressure gauge protected against shocks thanks to a plastic bumper
- 3-Piston type pressure regulator for a great reliability
- 4-Adjustable Working outlet pressure 0-8 bar
- 5-Inlet pressure up to 230 bar
- 6-with the shut-off valve in the outlet
- 7-Dual scale pressure gauge;psi and bar

Medical Oxygen pressure regulator With hose 1.5 m

TJM 0113



Main technical features:

- 1-Chrome Nickel-plated brass body with all brass high-pressure chamber
- 2-Integrated relief valve protected in the body of the pressure regulator thus ensuring its inviolability and its reliability
- 3-Sintered bronze filter for additional safety and to extend regulator life
- 4-Piston type pressure regulator for a great reliability
- 5-Pressure reducer (3.6-5.5 bar) for oxygen bottles up to 200 bar
- 6-all metal parts made of brass
- 7- with nut and nipple hose for Connection to Demand valves
- 8- Inlet fitting: pin index yoke

Oxygen Flowmeter



TAVAN JAM CO.

SINA-Oxygen Flowmeter with Humidifier

TJM 0201



Main technical features:

- 1- Various types of inlet adapter can be selected
- 2-Chrome Nickel-plated brass body
- 3-Sintered bronze Filter at the scale inlet protecting the device against any gas network impurities and thus ensuring the protection of both the patient and the Flowmeter
- 4-Flowmeter with measuring tube 0-15 L/min, continuously Manual Adjustable and Accuracy of Measurement of the Flowmeter $\pm 10\%$ (Inlet pressure of 4 ± 0.5 bar)
- 5- Humidifier bottle capacity: 100ml
- 6-polycarbonate bottles are impact resistance for maximum durability service life
- 7-all metal parts made of brass
- 8-Alarmed relief valve protected in the humidifier thus ensuring its inviolability and its reliability



IRANA-Oxygen Flowmeter with Humidifier

TJM 0204



Main technical features:

- 1- Various types of inlet adapter can be selected
- 2-Chrome Nickel-plated brass body
- 3-Sintered bronze Filter at the scale inlet protecting the device against any gas network impurities and thus ensuring the protection of both the patient and the Flowmeter
- 4-Flowmeter with measuring tube 0-15 L/min, continuously Manual Adjustable and Accuracy of Measurement of the Flowmeter $\pm 10\%$ (Inlet pressure of 4 ± 0.5 bar)
- 5- Humidifier bottle capacity: 200ml
- 6-polycarbonate bottles are impact resistance for maximum durability service life
- 7-all metal parts made of brass
- 8-Alarmed relief valve protected in the humidifier thus ensuring its inviolability and its reliability

SINA-Twin Oxygen Flowmeter with Humidifier

TJM 0202



Main technical features:

- 1- Various types of inlet adapter can be selected
- 2-Chrome Nickel-plated brass body
- 3-Sintered bronze Filter at the scale inlet protecting the device against any gas network impurities and thus ensuring the protection of both the patient and the Flowmeter
- 4-Flowmeter with measuring tube 0-15 L/min, continuously Manual Adjustable and Accuracy of Measurement of the Flowmeter $\pm 10\%$ (Inlet pressure of 4 ± 0.5 bar)
- 5-Humidifier bottle capacity: 100ml
- 6-polycarbonate bottles are impact resistance for maximum durability service life
- 7-all metal parts made of brass
- 8-Alarmed relief valve protected in the humidifier thus ensuring its inviolability and its reliability
- 9-two patients can be using from the same outlet simultaneously

Medical Air Control Unit (MedicAir)



TAVAN JAM CO.

Medical Air Control Unit

(MedicAir)



TAVAN JAM CO.

Medical Air Control Unit (MedicAir)
Dehumidifier

TJI 0712



Main technical features:

- 1- Remove water moisture and particle effectively
- 2- 4 HEPA Filters to remove unwanted dirt and bacteria for optimal performance
- 3- Filters element are easily interchangeable and replaceable
- 4- Easy element replacement, the element and the bowl are integrated. Replacement can be done in hand
- 5- Better visibility & increased safety the bowl is covered with a transparent bowl guard
- 6- Manual Drain (Automatic Drain Option with timer Available)
- 7- Bracket Included



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Medical Air Control Unit (MedicAir)

Medical Air Control Unit (MedicAir)
Dehumidifier with regulator and Air Dryer

TJI 0715



Main technical features:

- 1- Remove water moisture and particle effectively
- 2- 4 HEPA Filters to remove unwanted dirt and bacteria for optimal performance
- 3- Filters element are easily interchangeable and replaceable
- 4- Easy element replacement, the element and the bowl are integrated, Replacement can be done in hand
- 5- Better visibility & increased safety the bowl is covered with a transparent bowl guard
- 6- Manual Drain (Automatic Drain Option with timer Available)
- 7- Built-in regulator is easy to adjust and helps ensures that air tools receive the correct air pressure (0-8 bar) for proper operation
- 8- Pressure Gauge (10 bar), Bracket Include
- 9- double scale pressure gauge; psi and bar
- 10- Removes water vapors at the point of use

CO₂ gas Heater



TAVAN JAM CO.



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CO₂ gas Heater

CO₂ gas Heater
90 W, Horizontal

TJI 0505



Main technical features:

- 1-Machined brass body & fittings resists corrosion and extends service life
- 2-Extends life of the regulator/flowmeter and prevents porosity in welds from loss of shield gas in frozen regulator
- 3-Sintered bronze filter for additional safety and to extend heater and regulator life
- 4-Equipped with 1.5 m cable and a lamp indicator for "Heating ON" to show accurate performance of the device
- 5- Allows your CO₂ cylinder to be used to it's full potential
- 6- Compact design, the compact robust casing ensures maximum service life and minimal maintenance
- 7- Thermostat controlled to approximately 75°C
- 8- 220-240 volt AC, 50 Hertz, 400 mA
- 9- Easily connected to both regulator and CO₂ cylinder
- 10-max pressure 200 bar
- 11-Max flow 80 CFH

CO₂ gas Heater
90 W, Vertical

TJI 0501



Main technical features:

- 1-Machined brass fittings resists corrosion and extends service life
- 2-Extends life of the regulator/flowmeter and prevents porosity in welds from loss of shield gas in frozen regulator
- 3-Sintered bronze filter for additional safety and to extend heater and regulator life
- 4-Equipped with 1.5 m cable and a lamp indicator for "Heating ON" to show accurate performance of the device
- 5- Allows your CO₂ cylinder to be used to it's full potential
- 6- Compact design, the compact robust casing ensures maximum service life and minimal maintenance
- 7- Thermostat controlled to approximately 75°C
- 8-220-240 volt AC, 50 Hertz, 400 mA
- 9- Easily connected to both regulator and CO₂ cylinder
- 10-max pressure 200 bar
- 11-Max flow 60 CFH

Other Products



TAVAN JAM CO.

CO₂ gas filter

TJI 0701



Main technical features:

- 1- Installation is usually between the source cylinder and a regulator or heater
- 2- Remove particle effectively
- 3- Filters to remove unwanted dirt for optimal performance of equipment
- 4- Filters element are easily interchangeable and replaceable



TAVAN JAM CO.

Other Products

Nebulizer Spray Drug with Oxygen

TJM 0401



Main technical features:

- 1-Useful for patients who coordinate their breathing through drug delivery for increasing amount of aerosol reaching lungs
- 2-Designed to transfer liquid asthma medication into fine micro mist aerosol to match the demands of respiratory treatments
- 3-Easy to use and work
- 4-Comes with medication chamber (100mL)
- 5-installable on all of the oxygen Flowmeter Instead of humidifier
- 6-The product is jet style comfort nebulizer by which the time required for therapy is minimized
- 7-for aerosol treatment disposable and comfortable face mask is provided





TJCO

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