

BOC Series 8500 Laboratory Oxygen Regulator

Providing equipment solutions for our customers

The BOC Series 8500 regulators are designed to give constant, precise delivery of the required pressure of gas without the need for continuous readjustment. With its best-in-class flows, unique safety features, sleek compact design and chrome body parts, the Series 8500 range is recommended for use in laboratories, high-tech manufacturing and corrosive environments.

The BOC Series 8500 oxygen 10-bar regulator is suitable for a variety of laboratory applications including combustion furnaces and for delivering gas for oxygenation processes. When combined with other products, the oxygen regulator is also suitable for laser use. The BOC Series 8500 oxygen 4-bar regulator has all the benefits of the 10-bar regulator and features an easier-to-read scale than the 10-bar product for applications at lower pressure.

Applications

- Oxygenation
- Laser processes
- Maintenance work (with a fuel gas)

Five-year Conditional Warranty



Part number	41480	41481
Description	Series 8500 Oxygen Regulator	Series 8500 Oxygen Regulator
Gas Used	Oxygen	Oxygen
Delivery Pressure	0-150 psi 0-10 bar	0-60 psi 0-4 bar
Inlet Connection	BS341 no.3 5/8" RH	BS341 no.3 5/8" RH
Outlet Connection	3/8" RH	3/8" RH
Max. Inlet Pressure	4500 psi 300 bar	4500 psi 300 bar
Retail Price (inc VAT)	£114.06 (£97.07 ex vat)	£114.06 (£97.07 ex vat)

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Need help assessing your equipment requirements? Download our 'Self Assessment Checklist'

BOC Series 8500 Laboratory Air Regulator

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The BOC Series 8500 regulators are designed to give constant, precise delivery of the required pressure of gas without the need for continuous readjustment. With its best-in-class flows, unique safety features, sleek compact design and chrome body parts, the Series 8500 range is recommended for use in laboratories, high-tech manufacturing and corrosive environments.

The BOC Series 8500 air 10-bar regulator is suitable for applications such as blanketing and air tables, and also for use in applications such as Flame Ionisation Detection (FID) and FR-FID (Fast Response FID). The BOC Series 8500 air 4-bar regulator has all the benefits of the 10-bar regulator and features an easier-to-read scale than the 10-bar product for applications at a lower pressure.

Applications

- Blanketing
- FID
- Air tables
- Pneumatic operations

Five-year Conditional Warranty



Part number	41482	41483
Description	Series 8500 Air Regulator	Series 8500 Air Regulator
Gas Used	Air	Air
Delivery Pressure	0-150 psi 0-10 bar	0-60 psi 0-4 bar
Inlet Connection	BS341 no.3 5/8" RH	BS341 no.3 5/8" RH
Outlet Connection	3/8" RH	3/8" RH
Max. Inlet Pressure	4500 psi 300 bar	4500 psi 300 bar
Retail Price (inc VAT)	£139.57 (£118.78 ex vat)	£139.57 (£118.78 ex vat)

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BOC Series 8500 Laboratory Nitrogen or Argon Regulator

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The BOC series 8500 inert gas 10-bar regulator is ideal for applications such as blanketing and purging, for nitrogenation processes and certain x-ray crystallography refrigeration systems. The BOC Series 8500 inert gas 4-bar regulator is ideal for general laboratory system purging and blanketing. It can also be used for nitrogenation processes.

Applications

- Blanketing
- Purging
- Nitrogenation (4-bar only)
- X-ray crystallography refrigeration (10-bar only)

Five-year Conditional Warranty



Part number	41484	41485
Description	Series 8500 Nitrogen or Argon Regulator	Series 8500 Nitrogen or Argon Regulator
Gas Used	Nitrogen or Argon	Nitrogen or Argon
Delivery Pressure	0-150 psi 0-10 bar	0-60 psi 0-4 bar
Inlet Connection	BS341 no.3 5/8" RH	BS341 no.3 5/8" RH
Outlet Connection	3/8" RH	3/8" RH
Max. Inlet Pressure	4500 psi 300 bar	4500 psi 300 bar
Retail Price (inc VAT)	£114.06 (£97.07 ex vat)	£114.06 (£97.07 ex vat)

BOC Series 8500 Laboratory Helium Regulator

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The BOC Series 8500 regulators are designed to give constant, precise delivery of the required pressure of gas without the need for continuous readjustment. With its best-in-class flows, unique safety features, sleek compact design and chrome body parts, the Series 8500 range is recommended for use in laboratories, high-tech manufacturing and corrosive environments.

The BOC Series 8500 helium 10-bar regulator is ideal for delivering helium as a carrier gas for gas chromatography. Other uses for this regulator include meteorological surveying. The BOC Series 8500 helium 4-bar regulator has all the benefits of the 10-bar regulator and features an easier-to-read scale than the 10-bar product for applications at a lower temperature.

Applications

- Gas chromatography
- Meteorological surveying

Five-year Conditional Warranty



Part number	41486	41487
Description	Series 8500 Helium (He) Regulator	Series 8500 Helium (He) Regulator
Gas Used	Helium	Helium
Delivery Pressure	0-150 psi 0-10 bar	0-60 psi 0-4 bar
Inlet Connection	BS341 no.3 5/8" RH	BS341 no.3 5/8" RH
Outlet Connection	3/8" RH	3/8" RH
Max. Inlet Pressure	4500 psi 300 bar	4500 psi 300 bar
Retail Price (inc VAT)	£114.06 (£97.07 ex vat)	£114.06 (£97.07 ex vat)

BOC Series 8500 Laboratory Carbon Dioxide Regulator

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The BOC Series 8500 regulators are designed to give constant, precise delivery of the required pressure of gas without the need for continuous readjustment. With its best-in-class flows, unique safety features, sleek compact design and chrome body parts, the Series 8500 range is recommended for use in laboratories, high-tech manufacturing and corrosive environments.

The BOC Series 8500 carbon dioxide 10-bar regulator is ideal for providing carbon dioxide for modified atmospheres and sample storage. The regulator can also be used to provide a back-up supply to refrigeration and freezing devices. The BOC Series 8500 carbon dioxide 4-bar regulator is designed to give continuous, precise, flow and can be used for sensitive applications such as incubation and autoclaving. The regulator can also be used to provide a backup supply of refrigeration and freezing devices. The BOC Series 8500 carbon dioxide 2-bar regulator is specifically designed for applications where a very low pressure is required. The clearly-marked regulator gauges allow easy determination of precise low pressure for sensitive applications such as incubation and autoclaving.

Applications

- Sample storage (10-bar and 2-bar)
- Modified atmospheres (10-bar and 2-bar)
- Freezer back-up (10-bar and 4-bar)
- Incubation (4-bar and 2-bar)
- Autoclaving (4-bar only)

Five-year Conditional Warranty



Part number	41488	41489	41490
Description	Series 8500 Carbon Dioxide (CO ₂)	Series 8500 Carbon Dioxide (CO ₂)	Series 8500 Carbon Dioxide (CO ₂)
Gas Used	Carbon Dioxide	Carbon Dioxide	Carbon Dioxide
Delivery Pressure	0-150 psi 0-10 bar	0-60 psi 0-4 bar	0-30 psi 0-2 bar
Inlet Connection	BS341 no.8 0.860 Whit	BS341 no.8 0.860 Whit	BS341 no.28 0.860 Whit
Outlet Connection	3/8" RH	3/8" RH	3/8" RH
Max. Inlet Pressure	4500 psi 300 bar	4500 psi 300 bar	4500 psi 300 bar
Retail Price (inc VAT)	£114.06 (£97.07 ex vat)	£114.06 (£97.07 ex vat)	£114.06 (£97.07 ex vat)

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BOC Series 8500 Laboratory Hydrogen Regulator

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The BOC Series 8500 hydrogen 10-bar regulator is ideal for delivering hydrogen as a carrier gas for gas chromatography and also for use in applications such as Flame Ionisation Detection (FID) and FR-FID (Fast Response FID). The regulator allows precise control for processes such as hydrogenation. The BOC Series 8500 hydrogen 4-bar regulator has all the benefits of the 10-bar regulator and features an easier-to-read scale than the 10-bar product for applications at lower pressure.

Applications

- Gas chromatography
- FID
- Hydrogenation

Five-year Conditional Warranty



Part number	41491	41492
Description	Series 8500 Hydrogen Regulator	Series 8500 Hydrogen Regulator
Gas Used	Hydrogen	Hydrogen
Delivery Pressure	0-150 psi 0-10 bar	0-60 psi 0-4 bar
Inlet Connection	BS341 no.8 5/8" LH	BS341 no.8 5/8" LH
Outlet Connection	3/8" RH	3/8" RH
Max. Inlet Pressure	4500 psi 300 bar	4500 psi 300 bar
Retail Price (inc VAT)	£139.57 (£118.78 ex vat)	£139.57 (£118.78 ex vat)