

Laboratory Products

Acetylene Regulator

For AA labs, this regulator includes an adapter so that the pressure regulator can be connected to cylinders requiring either CGA 300 or CGA 510 fittings and a connector for attaching the fuel hose assembly supplied with the instrument. Includes hose assembly.



Description	Part No.
Max Inlet Pressure: 400 psig	03030106

Air Regulator

For AA labs. Regulator to cylinder CGA no. 590. Includes hose assembly.



Description	Part No.
Max Inlet Pressure: 3,000 psig	03030264

Nitrous Oxide Regulator

For use in AA labs with gas cylinders with a CGA 326 connection. Provides pressure control from 350-520 kPa (50-75 psig) and contains an integral thermostatted heater to prevent freezing of the regulator diaphragm.



Description	Part No.
115 V	03030204
220 V	03030349

Argon/Nitrogen Regulator

For AA and ICP, this regulator can be used with argon or nitrogen and has a CGA 580 fitting. A color-coded hose with 1/4 in. SWAGELOK® fittings is also included.



Description	Part No.
Max Inlet Pressure: 3,000 psig	03030284

Matheson Flashback Arrestor

Because acetylene is an extremely unstable gas, users can experience flashbacks at the instrument burner head. The flash arrestor prevents these potentially dangerous flashbacks from reaching the regulator or cylinder.



Description	Part No.
Acetylene Max Operating Pressure: 15 psig	N9300068

Hose Assemblies

Hose assemblies for connecting fuel, air and nitrous oxide from supply to instrument.



Description	Part No.
Acetylene, Red Neoprene, 3.7 m (12 ft.)	00570559
Air/Argon, Black, 3.7 m (12 ft.)	00570567
Nitrous Oxide, Blue, 3.7 m (12 ft.)	00470258

Blower and Vent Assembly for AA and ICP

A venting system is required to remove fumes and vapors from the torch of ICP emission spectrometers. A vent is recommended for use over the power supply unit of most ICP spectrometers for removal of dissipated heat.

Use exhaust venting to:

- Protect lab personnel from toxic vapors
- Protect your instrument from corrosive vapors
- Improve stability of the ICP torch



Blower and vent assemblies do not include ducting.

Description	Part No.
110 V PinAAcle/Optima Includes Exhaust Hood, Blower and Adapter	03030447
230 V PinAAcle/Optima Includes Exhaust Hood, Blower and Adapter	03030448
110 V Avio 200/500 Includes Blower and Adapter	N0790188
230 V Avio 200/500 Includes Blower and Adapter	N0790189
Flexible Gas Hosing 100 mm ID x 3 m hosing for RF Generator Exhaust Vent	N0691578

PerkinElmer service engineers are not permitted to install this unit