

Instrument Support Gases

Spark Chamber Gas Mixtures

10 % Helium 90 % Neon This mixture is used in conjunction with nuclear accelerator facilities required for atomic particle studies.

Product Code	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator Type	Series	Regulator Page
LW890J	T	265	2400	580	Two-stage	Model 600	122
LW890K	K	196	2000	580	Single-stage	Model 600	121
LW890L	Q	76	2000	580			

20 % Helium 80 % Neon This mixture is used in conjunction with nuclear accelerator facilities required for atomic particle studies.

Product Code	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator Type	Series	Regulator Page
LW892J	T	265	2400	580	Two-stage	Model 600	122
LW892K	K	196	2000	580	Single-stage	Model 600	121
LW892L	Q	76	2000	580			

25 % Helium 75 % Neon This mixture is used in conjunction with nuclear accelerator facilities required for atomic particle studies.

Product Code	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator Type	Series	Regulator Page
LW891J	T	265	2400	580	Two-stage	Model 600	122
LW891K	K	196	2000	580	Single-stage	Model 600	121
LW891L	Q	76	2000	580			

Flame Resistance of Cloth Test Mixture

- 3 % ± 1 % Ethane**
- 18 % ± 1 % Carbon Monoxide**
- 24 % ± 1 % Methane**
- 55 % ± 1 % Hydrogen**

This cloth test gas mixture is available for flammability testing of certain textile products per Federal Test Method 5903.2. The mixture has a nominal specific gravity of 0.38 and a nominal heat of combustion equivalent to 534 BTU per cubic foot.

Product Code	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator Type	Series	Regulator Page
AC52CT	T	236	2000	350	Two-stage	Model 600	122
LW52A	K	173	1650	350	Single-stage	Model 600	121
LW52B	Q	60	1650	350			

Special Applications