



Dimethyl Sulfide

| Equipment Recommendations | Model No. | Page No. |
|---|------------------|----------|
| Single Stage Regulator | Series 3610A-CGA | 316 |
| Mini High Purity Regulator | Series 3570-180 | 314 |
| Low Dead Volume Regulator (for Concentrations < 50ppm) | Series 3590-CGA* | 315 |

| Balance Gas | Concentration Range | Matheson Mixtures Grades | | | | | | Cylinder Size | CGA* | Contents | | Pressure | | Approximate Ship Weight | | |
|-------------|---------------------|--------------------------|---|----|---|---|---|---------------|------|----------------------|----------------------|---------------------|--------|-------------------------|-----|----|
| | | MR | P | C+ | C | U | G | | | US | Metric | psig | kPa | lb | kg | |
| Methane | 1 ppm - 50 ppm | | | • | • | | | 1I | 350 | 172 ft ³ | 4.87 m ³ | 2,000 | 13,790 | 70 | 32 | |
| | | | | | | | | 2I | 350 | 92 ft ³ | 2.61 m ³ | 2,000 | 13,790 | 48 | 22 | |
| | | | | | | | | 3I | 350 | 34 ft ³ | 0.96 m ³ | 2,000 | 13,790 | 24 | 11 | |
| | | | | | | | | 6I | 180 | 4.37 ft ³ | 124 L | 1,800 | 12,411 | 2 | 1 | |
| | 50 ppm - 1000 ppm | | | | • | • | | • | 1R | 350 | 172 ft ³ | 4.87 m ³ | 2,000 | 13,790 | 70 | 32 |
| | | | | | | | | | 2R | 350 | 92 ft ³ | 2.61 m ³ | 2,000 | 13,790 | 48 | 22 |
| | | | | | | | | | 3R | 350 | 34 ft ³ | 0.96 m ³ | 2,000 | 13,790 | 24 | 11 |
| | | | | | | | | | 6R | 180 | 4.37 ft ³ | 124 L | 1,800 | 12,411 | 2 | 1 |
| | 1000 ppm - 0.20 % | | | | • | • | • | • | 1P | 350 | 255 ft ³ | 7.22 m ³ | 2,000 | 13,790 | 140 | 64 |
| | | | | | | | | | 2P | 350 | 100 ft ³ | 2.83 m ³ | 2,000 | 13,790 | 76 | 34 |
| | | | | | | | | | 3P | 350 | 42 ft ³ | 1.19 m ³ | 2,000 | 13,790 | 39 | 18 |
| | | | | | | | | | 6P | 350 | 4.89 ft ³ | 1.38 m ³ | 2,000 | 13,790 | 20 | 9 |
| Nitrogen | 500 ppb - 50 ppm | | | • | • | | | 1I | 350 | 143 ft ³ | 4.05 m ³ | 2,000 | 13,790 | 70 | 32 | |
| | | | | | | | | 2I | 350 | 77 ft ³ | 2.18 m ³ | 2,000 | 13,790 | 48 | 22 | |
| | | | | | | | | 3I | 350 | 29 ft ³ | 0.82 m ³ | 2,000 | 13,790 | 24 | 11 | |
| | | | | | | | | 6I | 180 | 3.69 ft ³ | 104 L | 1,800 | 12,411 | 2 | 1 | |
| | 50 ppm - 1000 ppm | | | | • | • | | • | 1R | 350 | 143 ft ³ | 4.05 m ³ | 2,000 | 13,790 | 70 | 32 |
| | | | | | | | | | 2R | 350 | 77 ft ³ | 2.18 m ³ | 2,000 | 13,790 | 48 | 22 |
| | | | | | | | | | 3R | 350 | 29 ft ³ | 0.83 m ³ | 2,000 | 13,790 | 24 | 11 |
| | | | | | | | | | 6R | 180 | 3.69 ft ³ | 104 L | 1,800 | 12,411 | 2 | 1 |
| | 1000 ppm - 0.20 % | | | | • | • | • | • | 1P | 350 | 213 ft ³ | 6.03 m ³ | 2,000 | 13,790 | 140 | 64 |
| | | | | | | | | | 2P | 350 | 83 ft ³ | 2.35 m ³ | 2,000 | 13,790 | 76 | 34 |
| | | | | | | | | | 3P | 350 | 35 ft ³ | 0.99 m ³ | 2,000 | 13,790 | 39 | 18 |
| | | | | | | | | | 6P | 350 | 4.56 ft ³ | 1.29 m ³ | 2,000 | 13,790 | 20 | 9 |

Contents and pressure may vary with concentration and ambient temperature.

Key for Matheson Mixtures Grades:

MR = Matheson Reference Standard C+ = Certified Plus Standard U = Unanalyzed Standard
 P = Primary Standard C = Certified Standard G = Gravimetric Standard

For more information on Matheson Mixture Grades, please refer to pages 66 - 68.

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