

## EPA Protocol Mixtures

EPA Protocol Mixtures are manufactured to stringent EPA specifications and procedures, utilizing the most advanced cylinder preparation procedures. These mixtures are then analyzed with NIST traceable standards. Aluminum cylinders are recommended for maximum shelf life.

EPA Protocol Mixtures - Two Component Mixtures					
Minor Component/Balance Gas	Part No.	Connection	Minor Component/Balance Gas	Part No.	Connection
<b>CO<sub>2</sub> in Air</b> 1-20% CO <sub>2</sub> /Air 300-9999 PPM CO <sub>2</sub> /Air 100-299 PPM CO <sub>2</sub> /Air	EPA-2-AIR-XX-DN	590	<b>NO in N<sub>2</sub></b> 0.5-1% NO/N <sub>2</sub> 100-4999 PPM NO/N <sub>2</sub> 30-99 PPM NO/N <sub>2</sub> 10-29.9 PPM NO/N <sub>2</sub> 5-9.9 PPM NO/N <sub>2</sub> 1-3.9 PPM NO/N <sub>2</sub>	EPA-2-NIT-XX-DN	660
<b>CO<sub>2</sub> in N<sub>2</sub></b> 1-20% CO <sub>2</sub> /N <sub>2</sub> 300-2999 PPM CO <sub>2</sub> /N <sub>2</sub> 100-299 PPM CO <sub>2</sub> /N <sub>2</sub>	EPA-2-NIT-XX-DN	580	<b>NO<sub>x</sub> in Air</b> 500-5000 NO <sub>x</sub> /Air 100-499 NO <sub>x</sub> /Air 80-99 NO <sub>x</sub> /Air 5-29.9 NO <sub>x</sub> /Air 1-4.9 NO <sub>x</sub> /Air	EPA-2-AIR-XX-DN	660
<b>CO in Air</b> 1-3% CO/Air 100-9999 PPM CO/Air 10-99 PPM CO/Air 8-9.9 PPM CO/Air	EPA-2-AIR-XX-DN	590	<b>O<sub>2</sub> in N<sub>2</sub></b> 23-49% O <sub>2</sub> /N <sub>2</sub> 5-22.9% O <sub>2</sub> /N <sub>2</sub> 0.8-4.9% O <sub>2</sub> /N <sub>2</sub>	EPA-2-NIT-XX-DN	<23% O <sub>2</sub> - 590 >23% O <sub>2</sub> - 296
<b>CO in N<sub>2</sub></b> 1-10% CO/N <sub>2</sub> 100-9999 PPM CO/N <sub>2</sub> 10-99 PPM CO/N <sub>2</sub> 8-9.9 PPM CO/N <sub>2</sub> .5-7.9% CO/N <sub>2</sub>	EPA-2-NIT-XX-DN	350	<b>C<sub>3</sub>H<sub>8</sub> in Air</b> 1000-6000 PPM C <sub>3</sub> H <sub>8</sub> /Air 100-999 PPM C <sub>3</sub> H <sub>8</sub> /Air 1-99 PPM C <sub>3</sub> H <sub>8</sub> /Air	EPA-2-AIR-XX-DN	590
<b>H<sub>2</sub>S in Air</b> 100-999 PPM H <sub>2</sub> S/Air 10-99 PPM H <sub>2</sub> S/Air 1-9.9 PPM H <sub>2</sub> S/Air	EPA-2-AIR-XX-DN	330	<b>SO<sub>2</sub> in Air</b> 500-4999 PPM SO <sub>2</sub> /Air 100-499 SO <sub>2</sub> /Air 40-99 SO <sub>2</sub> /Air 10-39 SO <sub>2</sub> /Air	EPA-2-AIR-XX-DN	660
<b>H<sub>2</sub>S in N<sub>2</sub></b> 100-999 PPM H <sub>2</sub> S/N <sub>2</sub> 10-99 PPM H <sub>2</sub> S/N <sub>2</sub> 4-9.9 PPM H <sub>2</sub> S/N <sub>2</sub> 1-3.9 PPM H <sub>2</sub> S/N <sub>2</sub>	EPA-NIT-XX-DN	330	<b>SO<sub>2</sub> in N<sub>2</sub></b> 500-4999 PPM SO <sub>2</sub> /N <sub>2</sub> 100-499 SO <sub>2</sub> /N <sub>2</sub> 40-99 SO <sub>2</sub> /N <sub>2</sub> 10-39 SO <sub>2</sub> /N <sub>2</sub>	EPA-2-NIT-XX-DN	660
<b>CH<sub>4</sub> in Air</b> > 1 PPM CH <sub>4</sub> /Air < 1 PPM CH <sub>4</sub> /Air	EPA-2-AIR-XX-DN	590	<b>C<sub>3</sub>H<sub>8</sub> in N<sub>2</sub></b> 1000 PPM C <sub>3</sub> H <sub>8</sub> /N <sub>2</sub> 100-999 C <sub>3</sub> H <sub>8</sub> /N <sub>2</sub> 1-99 C <sub>3</sub> H <sub>8</sub> /N <sub>2</sub>	EPA-2-NIT-XX-DN	350
<b>CH<sub>4</sub> in N<sub>2</sub></b> > 1 PPM CH <sub>4</sub> /N <sub>2</sub> <1 PPM CH <sub>4</sub> /N <sub>2</sub>	EPA-2-NIT-XX-DN	350			

XX - Complete the part number with the desired cylinder size.  
DN - Description number assigned by manufacturing location.

3 and 4 Component Mixtures available with concentrations of minor components as listed in this section. Please contact the nearest Sales Office for pricing and availability.

<b>Recommended Equipment</b>
400 series stainless steel regulator, <a href="#">see page 4.16</a>

Cylinder Sizes *	Contents
150A	150 cf
80A	80 cf
35A	35 cf