

## Cost Comparison Cal 2000 vs. Gas Cylinder

| Chlorine                                  | Cylinder | Generator |
|---|----------|-----------|
| Available Hours                           | 2        | 50        |
| Quantity of Calibrations (5 minutes each) | 24       | 600       |
| Cost per Calibration                      | \$24.80  | \$3.65    |
| Replacement Cost per Calibration          | \$14.00  | \$1.00    |

| Hydrogen Sulfide                          | Cylinder | Generator |
|---|----------|-----------|
| Available Hours                           | 2        | 50        |
| Quantity of Calibrations (5 minutes each) | 24       | 600       |
| Cost per Calibration                      | \$11.05  | \$3.65    |
| Replacement Cost per Calibration          | \$5.60   | \$1.00    |

| Hydrogen Cyanide                          | Cylinder | Generator |
|---|----------|-----------|
| Available Hours                           | 2        | 50        |
| Quantity of Calibrations (5 minutes each) | 24       | 600       |
| Cost per Calibration                      | \$30.15  | \$3.65    |
| Replacement Cost per Calibration          | \$19.40  | \$1.00    |

*Note: The above comparisons are based upon the following premises:*

1. A 58 liter cylinder of chlorine at a cost of \$325.00 (initial cost to include \$250.00 regulator).
2. A 58 liter cylinder of hydrogen sulfide at a cost of \$130.00 (initial cost to include \$126.00 regulator).
3. A 58 liter cylinder of hydrogen cyanide at a cost of \$450.00 (initial cost to include \$250.00 regulator).
4. An ACD Cal 2000 generator and cell (either chlorine, hydrogen sulfide, or hydrogen cyanide) at a cost of \$2200.00 (0.5 LPM flow) with a cell replacement cost of \$600.00.