

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.