

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	\$33.33	\$3.50
Replacement Cost per Calibration	\$18.75	\$0.83

Hydrogen Sulfide	Cylinder	Generator
Available Hours	2	50
Quantity of Calibrations (5 minutes each)	24	600
Cost per Calibration	\$12.50	\$3.50
Replacement Cost per Calibration	\$6.25	\$0.83

Hydrogen Cyanide	Cylinder	Generator
Available Hours	2	50
Quantity of Calibrations (5 minutes each)	24	600
Cost per Calibration	\$33.33	\$3.67
Replacement Cost per Calibration	\$18.75	\$1.00

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

1. A 58 liter cylinder of chlorine or hydrogen cyanide at a cost of \$450.00 (initial cost to include \$350.00 regulator).
2. A 58 liter cylinder of hydrogen sulfide at a cost of \$150.00 (initial cost to include \$150.00 regulator).
3. An ACD Cal 2000 generator and chlorine cell at a cost of \$2100.00 (0.5 LPM flow) with a cell replacement cost of \$500.00.
4. An ACD Cal 2000 generator and hydrogen sulfide cell at a cost of \$2100.00 (0.5 LPM flow) with a cell replacement cost of \$500.00.
5. An ACD Cal 2000 generator and hydrogen cyanide cell at a cost of \$2200.00 (0.5 LPM flow) with a cell replacement cost of \$600.00.