

Cost Comparison MiniCal vs. Gas Cylinder

Chlorine	Cylinder	Generator
Available Hours	2	10
Quantity of Calibrations (5 minutes each)	24	120
Cost per Calibration	\$33.33	\$5.00
Replacement Cost per Calibration	\$18.75	\$2.50

Hydrogen Sulfide	Cylinder	Generator
Available Hours	2	10
Quantity of Calibrations (5 minutes each)	24	120
Cost per Calibration	\$12.50	\$5.00
Replacement Cost per Calibration	\$6.25	\$2.50

Hydrogen Cyanide	Cylinder	Generator
Available Hours	2	10
Quantity of Calibrations (5 minutes each)	24	120
Cost per Calibration	\$33.33	\$5.00
Replacement Cost per Calibration	\$18.75	\$2.50

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 MiniCal generator with a 10 hour chlorine cell at a cost of \$600.00 (0.5 LPM flow) with a cell replacement cost of \$300.00.
4. An ACD MiniCal generator with a 10 hour hydrogen sulfide cell at a cost of \$600.00 (0.5 LPM flow) with a cell replacement cost of \$300.00.
5. An ACD MiniCal generator with a 10 hour hydrogen cyanide cell at a cost of \$600.00 (0.5 LPM flow) with a cell replacement cost of \$300.00.