

**Cost Comparison
Cal 2000 with a Three Gas Cylinder
vs. a Four Gas Cylinder**

	4 in 1 Gas Cylinder	3 in 1 Gas Cylinder	Cal 2000
Available minutes per cylinder or cell	116	206	3000
Cost per regulator or Cal 2000 instrument	\$126.00	\$126.00	\$1,600.00
Cost for cylinder or Cal 2000 cell	\$265.00	\$144.00	\$600.00
Cost per minute of calibration (with all new equipment)	\$3.37	\$1.31	\$0.73
Replacement cost per calibration (cost of replacement cylinder or cell)	\$2.28	\$0.70	\$0.20
Total cost per minute of calibration (with all new equipment)	\$3.37		\$2.04
Total cost per minute of calibration (with existing regulator or Cal 2000 instrument)	\$2.28		\$0.84

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

1. A 58 liter cylinder of four gas mixture containing hydrogen sulfide at a cost of \$265.00 (with the initial cost to also include \$126.00 regulator).
2. A 103 liter cylinder of three gas mixture which does not contain hydrogen sulfide at a cost of \$144.00 (with the initial cost to also include \$126.00 regulator).
3. An ACD Cal 2000 generator and hydrogen sulfide cell at a cost of \$2,200.00 (0.5 LPM flow) with a cell replacement cost of \$600.00.
4. The "Total cost per minute of calibration (with all new equipment)" is based on the cost of a four gas cylinder and regulator compared to the cost of a three gas cylinder and regulator plus the cost of a Cal 2000 generator and a Cal 2000 hydrogen sulfide cell.
5. The "Total cost per minute of calibration (with existing regulator or Cal 2000 instrument)" is based on the cost of a replacement four gas cylinder compared to the replacement cost of a Cal 2000 hydrogen sulfide cell. This total assumes the user is either using a previously purchased regulator and/or is using a previously purchased Cal 2000 instrument.