

# Equipment Technical Bulletin

## DR-2000 Battery Life



The chart below shows approximate DR-2000 battery life when premium batteries are used with Viton pump tube. Battery life will be slightly longer with the standard Silicone pump tube.

Dose Frequency	Dose Amount	Battery Life Expected
Once per day	8 oz (250 ml)	1 year
Twice per day	8 oz (250 ml)	6 months
Once per day	16 oz (500 ml)	6 months
Twice per day	16 oz (500 ml)	3 months

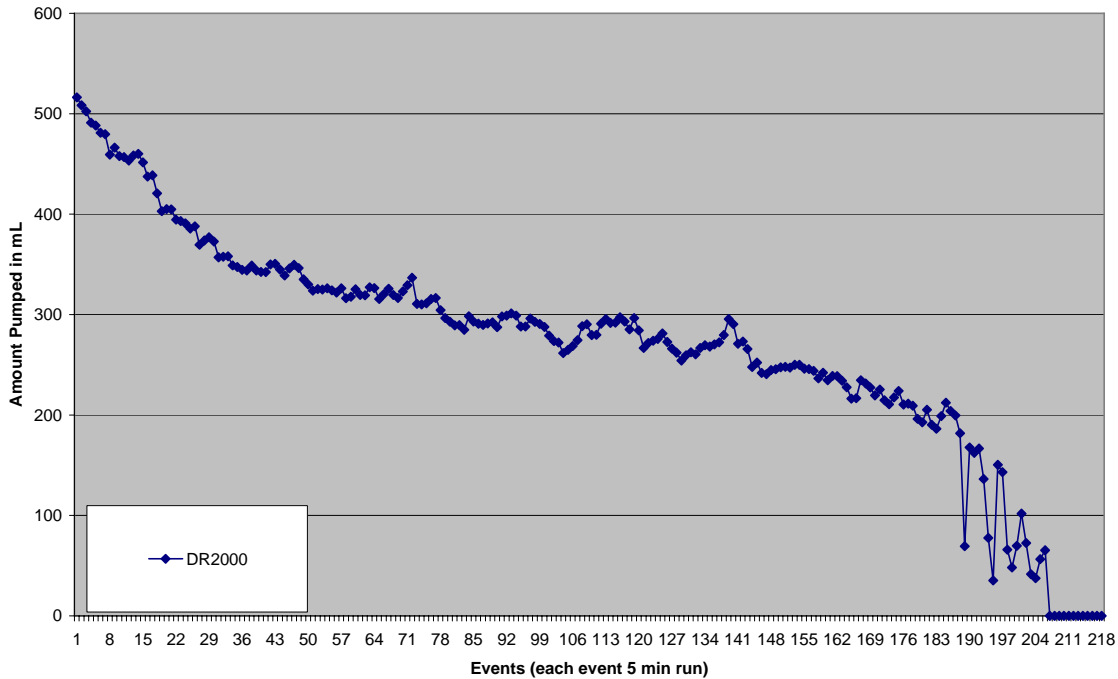
Older or lower-grade batteries may yield significantly shorter life than that noted in this chart, possibly half. For high-duty cycle applications, we recommend using 115V power to eliminate the need to replace batteries frequently.

Actual lab test data follows below.

This chart is taken from a lab test, with 5 minute runtimes and an off time of 25 minutes between each event. This curve shows the amount of liquid delivered at each event. The liquid pumped was water, and the tube type was Viton. Actual results may be better than that of this lab test, as batteries perform better with a longer off-time in between events, especially at cold temperatures.

A unit using Silicon tube will have similar results (i.e., a similar curve shape) with more events, as Silicon is easier for the pump to turn, causing less battery drain. These results will vary slightly from unit to unit, and from pump tube to pump tube.

DR2000



**Beta Technology**  
 2841 Mission Street  
 Santa Cruz • CA  
 U.S.A. • 95060-2142

TEL • 831 • 426 • 0882  
 TEL • 800 • 858 • 2382  
 FAX • 838 • 423 • 4573  
 FAX • 800 • 221 • 8416

<http://www.beta-technology.com>  
[sales@beta-technology.com](mailto:sales@beta-technology.com)

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