



AbrasiMet M Recirculation System

Superior Debris Removal, Less Cleaning



Buehler's AbrasiMet M features a **New** Recirculation System that is more effective than other tanks on the market at filtering debris while maintaining constant flow. This leads to less coolant and consumable usage, greater ease of use, and more uptime.



Reduce Cleaning Time

The AbrasiMet M Recirculation System effectively filters debris, thus decreasing cleaning time. The patent pending filter design keeps debris in the filter tank while coolant passes through into the reservoir tank below. Simply lift the filter tank off of the system to quickly dump the debris in a nearby bin.

When cleaning the filter tank or the full system, don't waste time with tools or disconnecting hoses. The Advanced recirculation system is quick to clean, increasing uptime.

Extend Coolant Lifetime

The main advantage of filtering debris out so effectively is extending the lifetime of the coolant. The filtering tank can extend coolant lifetime to over 4 times longer than a standard reservoir as a result of cleaning less often. Coupled with the time savings of performing full system cleanings significantly less often, this leads to significant annual savings for the system.

The AbrasiMet M system achieves the ideal balance between filter efficiency and cleaning interval and at the lowest annual price.



*The following example details the average annual costs associated with 2 recirculation systems commonly found in the market, compared against the AbrasiMet M Recirculation System. Input your own numbers using the scaling factors used in the example to get an estimation for your own savings.

	Recirculation Reservoir	Filter Bag System	AbrasiMet M System
1 Time (min)/full clean	60	60	30
2 Full Cleanings/month	2	0.5	0.5
3 Time (min)/filter clean	--	10	3
4 Filter Cleanings/month	--	4	4
5 Technician Overhead (\$/hr)	\$50	\$50	\$50
6 Total Annual Cost due to Cleaning Time	\$1200	\$700	\$270
7 Annual Coolant Cost (\$200/gal)	\$2400	\$600	\$600
8 Annual Filter Bag Cost	--	\$600	--
9 Total Annual Consumable Costs (sum 7 and 8)	\$2400	\$1200	\$600
10 Total Annual Costs (sum 6 and 9)	\$3600	\$1900	\$870
11 Annual Savings by Using AbrasiMet M	\$2730	\$1030	

The reservoir system will have a time cost of roughly \$1200 per year and coolant cost of \$2400 per year. This totals \$3600 per year.

The filter bag system will have an overall time cost of \$700 and a consumables costs from coolant and filter replacements of \$1200. This totals \$1900 for an entire year.

The AbrasiMet M advanced system will significantly reduce costs associated with time and coolant replacement. The system has an annual time cost of only \$270 per year and a coolant replacement cost of only \$600. This totals \$870 for an entire year.

In summary, the AbrasiMet M recirculation system can save a user \$1000 or more per year depending on the system that they currently have in place.



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