

CARDEV

Oil Filtration and Coolant Handling Specialists



DATA SHEET

CMS-300

***Accurate And Repeatable Mixes
Every Time***

***Delivery Rate Of Up To 90 Litres
Per Minute***

Push Button Control Selection

No Mixed Coolant Stored

***Conforms With Water Authority
Regulations***

***Distribution –Local Or Through
Central Pipework System***

***One Unit Can Service An Entire
Workshop***



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CARDEV CMS-300 COOLANT MIXING SYSTEM DATA SHEET

The Cardev Coolant Mixing System (CMS) is a static unit designed to deliver consistently accurate mixes of coolant for machine shops of all sizes.

It has a stainless steel water header tank and a mild steel frame finished in a two-pack paint. The unit mixes coolant on demand only, therefore eradicating the problems caused by the storage of mixed coolant.

The CMS is pressure controlled and operates on demand via the handgun or from the machine sumps if a central distribution system is installed.

The water is fed into the header tank via a ballcock valve, thereby complying with the water regulations. From this tank, the water is drawn via the water pump into the mixing block. At the same time the variable speed oil pump delivers an accurate amount of oil into the mixing block.

An inverter linked to the pump through potentiometers controls the speed of the pump and allows the four push buttons to be set for different percentage mixes. The unit's maximum output of mixed coolant is 90 litres per minute through the handgun. This will reduce when multiple outlets are used simultaneously.

Specifications

Site Requirements		230 volt, single-phase electrical supply fused at 16 amps. 15 mm mains water supply to within 1 metre of position. ¾ overflow drain point
Dimensions	Height	2500 mm
	Width	600 mm
	Depth	600 mm
Capacity	Water Header Tank	300 litres
Output		Mixed coolant output 90 litres per minute dependant on number of outlets being used
Bunding		Available as an extra