

CARDEV

Oil Filtration and Coolant Handling Specialists



DATA SHEET

C700-MK2-OZ

***Removes Tramp Oil
Contamination From Sumps***

***Unique Ozone Diffusion System
Reduces Bacteria Levels***

***Extends Coolant Life
- Increases Machine Tool
Efficiency***

***Unattended Operation With
Automatic Control***

***Fail Safe Alarm System
Incorporated In Unit***

***Controls Bacterial Growth
-Reduces Health Risks***

***Minimal Running Costs
-No Consumables***

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



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CARDEV C700-MK2-OZ MOBILE COOLANT CLEANER DATA SHEET

The Cardev C700-MK2-OZ is a compact mobile coolant cleaner constructed of stainless steel, which removes harmful tramp oils from machining coolants, cutting fluids and other water based solutions. Tramp oil build up is the prime cause for shortening coolant life through the growth of anaerobic bacteria which can lead to skin complaints.

The operating principle of the C700-MK2-OZ is based on the combination of a media bed coalescer and an extremely efficient built-in skimming system.

From a floating pick up in the coolant reservoir, the dirty coolant is passed through a 300 micron bag filter to a header tank, from where it is gravity fed via a control valve into the media bed. This system allows the powerful pump to pull the tramp oil from all areas of the reservoir, whilst at the same time ensuring that the flow rate through the media is such that the coalescing occurs effectively.

The tramp oil once coalesced rises to the surface of the media bed tank and is efficiently skimmed off into a waste oil tank via a wheel and wiper blades unit.

In addition with its unique ozone diffusion system the C700-MK2-OZ attacks and destroys bacteria in the coolant thereby substantially extending the coolant sump life. The cleaned coolant is then gravity fed back into the reservoir.

The C700-MK2-OZ is protected by high level shut-off switches in the oil tank and an overflow in the header tank, thereby ensuring that in the event of failure, all the coolant and oil is contained in the body of the C700-MK2-OZ.

Site Requirement		110/230 volt, single phase electrical supply fused at 16 amps
Dimensions	Height	1380 mm
	Depth	640 mm
	Width	560 mm
Capacity	Media Tank	75 Litres
Process Rate	Tramp Oil Removal	Up to 20 litres per hour
Filtration		300 Micron bag filter

