



# DATA SHEET

## C700-MK2

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

***Extend 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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Industrial Filtration



Biodegradable Lubricants

## CARDEV C700-MK2 MOBILE COOLANT CLEANER DATA SHEET

The Cardev C700-MK2 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 also lead to skin complaints.

The operating principle of the C700-MK2 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 process 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.

The cleaned coolant is then gravity fed back into the reservoir.

The C700-MK2 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.

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



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