

# SOLVENT

# VAPOUR

# CLEANER



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Vapour cleaning for rapid  
dissolving and cleaning of  
temporary wax bonds.

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[Logitech.uk.com](http://Logitech.uk.com)



# SOLVENT

# VAPOUR

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The Logitech Solvent/Vapour Cleaner is the ideal tool for the effective and rapid dissolving and cleaning of temporary wax bonds. Temporary wax bonds tend to be used to temporarily bond samples together or on to a support substrate prior to processing. The unit may be used with samples of up to 4" in diameter with a wide variety of materials including; Gallium Arsenide (GaAs), Indium Phosphide (InP), Silicon (Si), Ceramics and much more.

The Solvent/Vapour Cleaner is designed for use in many materials processing applications including:

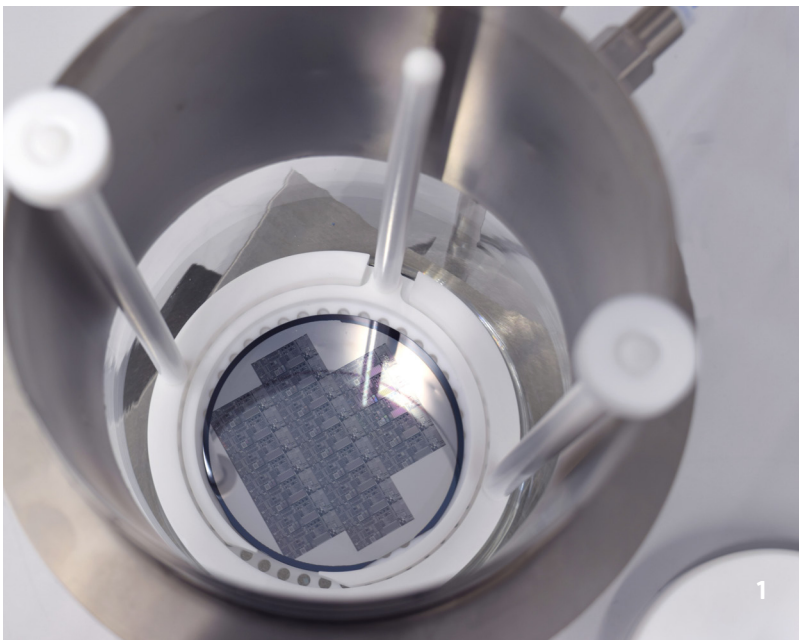
- Opto-Electronics
- Semiconductors
- Fibre-Optics
- Lasers
- Geology

It is particularly suited to demounting semiconductor wafers, such as GaAs, InP and Si. In addition, provides an ideal solution to the problems of de-bonding and cleaning stacks of opto-electronic materials such as Lithium Niobate or Lithium Tantalate.

It is recommended that the Solvent/Vapour Cleaner be used with an alcohol such as Iso-propanol (2-Propanol, IPA) for best results. The cleaning solution is heated in the bottom section of the cleaner, and then cooled resulting in only clean IPA vapour rising and condensing on the surface of the bonded sample.

During the operation, the cleaner emits solvent fumes so therefore must be used in conjunction with a fume extractor unit such as the Logitech Duct Free Fume Cabinet.

A two-stage demounting process can be utilised when the Solvent/Vapour Cleaner is used in conjunction with Logitech's Ecoclear non-solvent cleaning fluid. The sample can be initially soaked in Ecoclear to dissolve the wax bonds, and finally used within the Solvent/Vapour Cleaner with IPA to remove any surface residue that may remain.



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## ADDITIONAL INFORMATION

### Ordering Data

Part No.	Description
1ACCS-5100	Solvent Vapour Cleaner (220-240v, 50Hz)
1ACCS-5150	Solvent Vapour Cleaner (100v, 50/60Hz)

### Product Data

Chamber size	4ltr beaker
Power	220-240v, 50Hz, 750W 110v, 50/60Hz, 750W
Shipping weight	9.07kg (20lb)
Complete Height	501.6mm (19.75")

### Safety Data

#### Iso-propanol (2-Propanol, IPA)

Criteria	Value
Boiling Point	~82°C
Flammability	Highly flammable liquid and vapour

### Non-solvent Cleaning Fluid

Ecoclear	OCON-178 (3.78ltr)
Odour	Citrus
Boiling Point	179°C
Refractive Index	1.47
pH	Neutral
Flash Point	44°C
Flammability	Combustible
Solubility in water	Soluble

### Duct Free Fume Cabinet

The fume extraction cabinet (1CP3AC-0100) is recommended for the handling and filtration of toxic gases, vapours, particles and odours so is the ideal solution for use with the Logitech Solvent Vapour Cleaner. It ensures the protection of the respiratory passages and the quality of the working environment of laboratory personnel.

The unit's filtration system is specially designed to remove toxic substances and is of extremely high efficiency. As the unit is ductless it can be installed instantly.

For more information on the Duct Free Fume Cabinet see [here](#).

1: Cleaning solution is heated and then cooled resulting in vapour rising and condensing on the surface of the sample.

2: Solvent Vapour Cleaner for the effective and rapid dissolving and cleaning of temporary wax bonds.

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