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TECHNOLOGY GROUP

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Artisan Technology Group
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VS2

Vacuum Unit

The versatile VS2 unit provides a 'ready to use' system for vacuum retention of samples on a variety of lapping and polishing jigs and machines. It will prevent any disruption to the vacuum supply by safeguarding against slurry or water ingress, thereby ensuring continual efficient user operation.



Consistent, reliable results

The VS2 provides a reliable and constant vacuum retention supply for samples and is compatible with the Logitech PM5, Logitech Saws, Vacuum Chuck Mounting Blocks and Logitech Lapping and Polishing Jigs such as the PLJ2 and the PP5.

It comprises a single stage rotary vacuum pump, wafer trap, drain and control values mounted on a rigid frame.

The inclusion of both a vauum pump and water trap working in conjuction, ensures the VS2 Unit can effectively prevent the ingress of wafer and slurry contaminants into the vacuum supply of the jig or saw, thereby offering continuous sample retention control.

Versatile, rigid construction

With its components mounted on a rigid single frame construction, the VS2 Unit can be either wall mounted or bench in close proximity to the machine or jig.

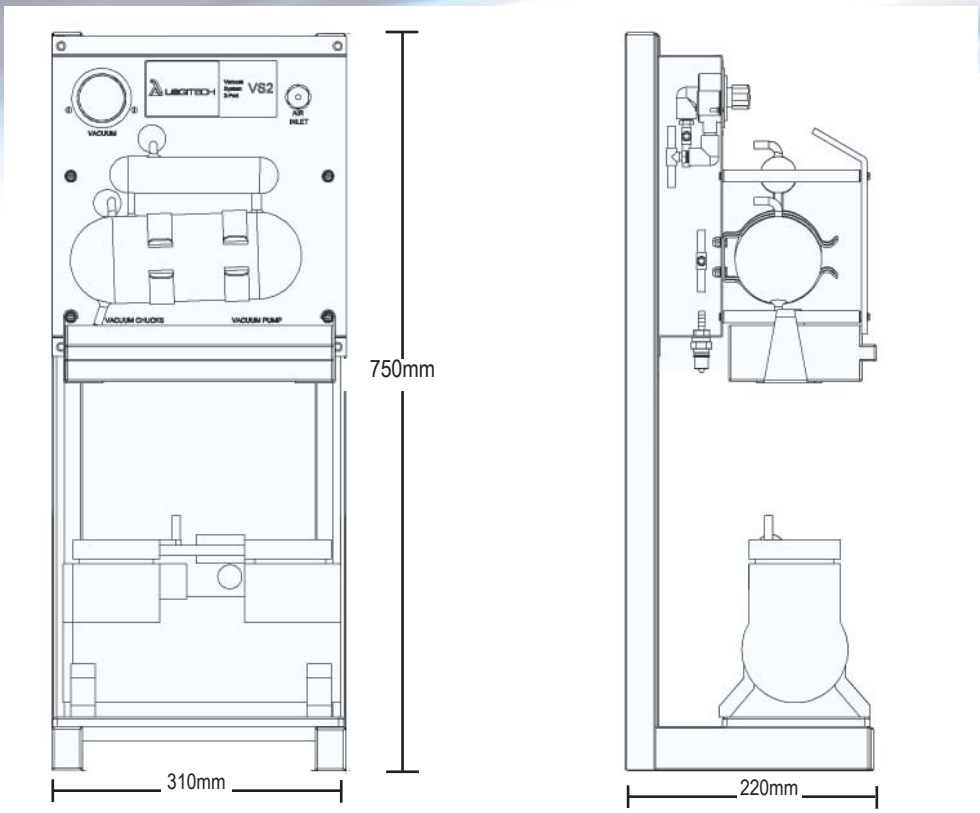
Clear effective display

The control and vacuum display areas are easily accessible for both monitoring and ease of operator activation.

The added benefit of easy to clean work surfaces and operator safety perpex ensures a safe, long term use of operation.



- *Constant, consistent supply*
- *Water trap - ensures no water ingress*
- *Drain & control valves for easy control*
- *Rigid single frame construction*
- *Versatile - can be bench or wall mounted*



Technical Specifications:

Vacuum Pump:

Max. displacement (swept volume) 240V/50Hz: 2.7m^3h^{-1}

Max. displacement (swept volume) 110V/60Hz: 3.24m^3h^{-1}

Motor speed 240V: 2.3m^3h^{-1}

Motor speed 110V: 2.7m^3h^{-1}

Motor power 240V/ 110V: 0.18kW

Ultimate vacuum: 6 mbar

Max. water vapour inlet pressure: 25 mbar

Max. water vapour pump rate: 0.045 kg h^{-1}

Weight: 12.5kg

VS2 Unit (excluding pump):

Dimensions: 75.5 x 31x 22cm

Weight: 4kg

Accessories, Components & Consumables

A comprehensive range of accessories, components and consumables are available to support this system, enabling optimum results and longevity of the machine.
Further information can be found at: www.logitech.uk.com

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Certificate No. FM12025

Due to a continuous programme of development, Logitech reserves the right to change specifications without prior notice.

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