



ProPress Sample Press

The ProPress cuts the samples into small pieces (e.g. 3x3 mm) within 8 seconds automatically and it can also cut multiple layers of fabric in a single pass. This machine is servo-driven and runs without air source and oil pressure. It can be placed at the table for its small size.

ProPress is applicable for formaldehyde, pH and other tests of fabrics, yarns, leather, plastics and other flexible materials.

Lay the sample flat on the plate, and press the button with both hands, then the plate will entry and the machine automatically press and cut the samples. When the cutting is finished, the machine automatically activates a strong air cleaning system to blow away any fibers and debris left behind, ensuring that the samples are not mixed with each other.

The operator can observe whether there is any sample residue through the high-definition camera equipped with ProPress from the operation screen, and can manually start the cleaning program again.

In addition, ProPress ensures your safety: start up by two hands, work area equipped with light barrier to prevent accidental injury. Applicable for various cutting sizes such as 3x3mm, 5x5mm, 10x10mm or the dimensions can be customized.

ProPress Sample Press



- **More accurate sample preparation, for more reliable test results.**

Traditional manual cutting of samples can easily lead to large differences in sample shape and size, which can cause insufficient dissolution, thus affecting the reliability of the test ; ProPress cuts samples by pressing, which is precise and fast, and the highly consistent samples make the test results of formaldehyde, pH value, etc. more reliable.

- **Faster sample preparation, saving more than 80% of time.**

The ProPress presses samples in 8 seconds per operation, compared to at least 60 seconds for manual cutting, making it valuable for large-scale testing labs that prepare large number of test samples every day.

- **Ensures the quality of samples throughout the whole process.**

The ProPress is equipped with a self-cleaning system that blows air to clean all kinds of fiber debris generated during the cutting process, and a built-in high-definition camera (2 megapixel, 1920x1080 resolution) used for observing the cleaning and ensures that there is no mixing between samples.



Power

220V 5A /110V 10A 50/60Hz 1000A



Weight

Net weight 100kg
Gross weight 126kg



Dimension

Net size 600*450*530 mm (L*W*H)
Packing size 740*550*740 mm (L*W*H)



The Specification

Machine	1.CV.518.01 CV518 ProPress Sample Press
Press thickness	0.1mm*4mm
Press pressure	5T (adjustable force as 1T, 2T, 3T, 4T, 5T , to improve the service life of the cutter)

Standard accessories (mode and dimensions)

Matting	4.M.011	129 mm*129 mm*6 mm	6pcs
Die	2.Z.CV518.01	5 mm *5 mm (Press area 100mm*100mm)	1pc
Pallet	2.Z.CV518.03	160 mm*160 mm*16 mm	2pcs

Optional accessories (mode and dimensions)

Die	2.Z.CV518.02	3 mm *3 mm (Press area 80mm*80mm)
Hoover	7.XCQ.001	220V 1200A
Hoover	7.XCQ.002	110V 1200A
Other customized dies dimensions limits: max. diameter 113 mm, min. diameter 4 mm.		

Wear parts and consumables

Matting	4.M.011	129 mm*129 mm*6 mm (Forward and reverse sides are available)
Die	2.Z.CV518.01	5 mm *5mm (Press area 100mm*100mm or customized dimensions)

Installation conditions

Equipped with a socket 220V or 110V, compressed air (or not), work surface area of not less than 700mmx1000mm

Applicable Tests and Standards

pH test	ISO 3071 GB/T 7573
Formaldehyde	ISO 14184.1 GB/T 2912.1
Heavy metal	GB/T 17293.1/2/3
Azo	FZ/T 01133 GB/T 17592