

Product Name :
Astra High Pressure Homogenizer

Product Code :
ASTRALAB-SUPPLYA1017



Description :

Astra High Pressure Homogenizer

Technical Specification :

The high-pressure homogenizer can grind up to 4 * 96 samples simultaneously in 3 minutes quickly and efficiently. Very convenient to use.

It can be dry milled, wet milled and mixed, and then homogenized.

In addition, special cell crushing beads can crush difficult-to-crush ultrasonic and high-pressure cells. Analyze samples more efficiently.

The types of samples include: plant tissues (rice, corn, wheat, beans, peanuts, seeds, stems, roots, leaves, cotton fabric), animal tissues (muscle, small intestine, heart, liver, lung, fur, bones, etc.), cells, bacteria, yeast and spores.

The high-pressure homogenizer is used for the extraction of nucleic acids in large-scale samples, which greatly improves the grinding efficiency and quality, reduces labor costs, and reduces the labor intensity of operators.

First add small steel balls or zirconia balls to the grinding jar or centrifuge tube containing the sample.

Then the grinding jar or adapter vibrates in the vertical direction. Under the action of high frequency vibration, the small ball hits the sample at high speed to complete the grinding of the sample.

Compared with the traditional grinding method, grinding with a grinding ball can make the grinding of the sample more uniform and sufficient. The high-throughput tissue grinder can also be used as a homogenizer. Steel balls and cell beads are added to the grinding tank. The cells that are difficult to be broken are effectively broken by ultrasonic and high pressure, and the sample is quickly dispersed by high pressure. Steel balls or zirconia beads with low density.



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