

Ez-Lyzer

Ideal Device for Quick, Efficient Pulverization & Homogenization of Small Samples

CE



EZ-800

Grinding, mixing, disrupting small amounts of sample

EZ-Lyzer is laboratory "all-rounders". It has been developed specially for grinding, homogenizing and mixing of small sample amounts quickly and efficiently. They are also perfectly suitable for the disruption of biological cells as well as for DNA/RNA extraction. The EZ-800 can also be used for wet and cryogenic grinding.

Benefits at a glance

- Quick, efficient pulverization and homogenization
- High sample throughput due to short grinding times and two grinding stations
- Reproducible results by digital preselection of grinding time and vibrational frequency
- Large range of grinding jars
- 1-year warranty, CE-conform

High-performance Sample Grinders

The Sample Grinders can pulverize two samples from 0.2 to 20 ml at the same time. For cell disruption it is possible to process 2-192 samples simultaneously with variable size of adapters and beads. The Ez-Lyzer operates so effectively that the sample is hardly warmed at all due to the very short grinding time. Thus most materials can be pulverized and mixed at ambient temperature, without any cooling. With their ability to process small sample amounts to analytical fineness quickly and reproducibly, GENETIX Ez-Lyzer the ideal device to mix powdered sample and binder, using disposable polystyrene vessels, prior to pelletizing for XRF analysis.

Specifications of Ez-Lyzer

Field of application	size reduction, mixing, homogenization, cell disruption
Feed material	hard, medium-hard, soft, brittle, elastic, fibrous
Feed size*	up to 8 mm
Batch/Sample volume max.	24 x 2ml / 96 well plate x 2 max. / 15ml Jar & 50ml Jar x 2 Max
Typical mean grinding time	2-3 minutes
Possible applications:	Dry grinding, Wet grinding, Cryogenic grinding
Cell disruption with reaction vials	max. 20 x 2.0 ml max
Digital Preselection of vibrational frequency	4 - 30 Hz (240 - 1800 min ⁻¹)
Digital Preselection of grinding time	Upto 99 min
Number of Grinding Station	2 Nos.
Memory of Parameter Combination	9
Emission Value	> 65 dB (A)
Electrical Specification	Power 150 VA Voltage 200-250 Volts/50 Hz