



TLZ-24

| Tissue Lyzer

Details Info

Product information's:

Fast, effective and reproducible homogenization of a wide range of samples, including tissues and cells hard to lyse.

It also owns extraordinary power for the processing of even impact resistant samples such as bones or cartilage.

The TLZ-24 is an ideal solution for releasing DNA, RNA, Proteins, Enzymes, etc. from very tough samples while still retaining molecular integrity.

Using disposable sample tubes pre-filled with a variety of lysing beads, the TLZ-24 vigorously and uniformly shakes the tubes providing an efficient, consistent, high-yield and quality homogenization usually in less than 35 seconds.

Typical Samples:

Animal, Plant, Human cells;
Micro-organisms;
Drugs, polymers, lotions, etc.
Soil and sediments;
Swabs and feces

Applications:

Any researcher who requires genomic DNA, RNA or recombinant protein as a starting material will benefit from the unit system.

Northern blot analysis, qPCR and microarrays
 Optimization of recombinant protein expression
 Library synthesis and Southern blots
 Pathogen screening of soil or water
 RT-PCR and differential display
 Environmental surveys
 Verification of food safety

Features:

1. "3D Rotating High Speed Motion" for quick disruption of those fibrous tissues and resistant cells
2. 50 programmable memory settings and user optional condition settings
3. A wide range of rotation speed settings from 4 to 7 m/s, increment 0.05m/s
4. Brushless motor realizing no brush particle generation & no brush replacement
5. Easy to remove sample tube holder and fix sample tubes
6. Easy to monitor the disruption process through the clear lid
7. Simultaneously homogenize 24 tubes (2.0ml/1.5ml/0.5ml) or 6 tubes (5ml)
8. Disposable tubes ensure no threat of cross-contamination
9. Most samples can be processed in 35s or less

Specifications:

Model	TLZ-24
Speed Range	4.00m/s~7.00m/s (in steps of 0.05m/s)
Acceleration	≤4s to max. speed
Deceleration	≤4s to max. stop
Running Noise	< 68db
Display	OLED, high light and no visual angle limit
No. of Samples	1~24samples (2ml) / 1~6samples (5ml)
Cycle Duration	1-90sec. (in steps of 1s)
Pause Time	1-120sec. (in steps of 1s)
Programmable	50 saved programs
Dimensions (W×D× H)mm	280×360×385mm
Weight	25kg



Head Office :1600 AVENUE DE LORIMIER BUREAU, 384 MONTRÉAL (QUÉBEC) CANADA H2K3W8 USAOffice:128 W SUFFLOK AVE,CENTRAL ISLIP,11722 N Middle east & Africa Office : warehouse 9 /shed 9, Technology park P.O. Box 54806 RAK FZE , UAE



Email Us At:

sales@acculabusa.com middleeast@acculabusa.com



Phone Support: