



KNIFE TISSUE GRINDER

LKTG-A10

Knife Tissue Grinder LKTG-A10 is a specialized instrument used for pulverization and homogenization of samples with high moisture, high oil content and high fat content. Adopted with strong industrial motor, stainless steel serrated blade, and safety protection lock, it offers adjustable, high and fast grinding speed of 1000 to 1600 rpm with intermittent mode for up to 700 ml of sample volume. Incorporated electronic control system with click function and program setting, method memory and storage function, ensures sample repeatability and homogenized sample preparation result. With compact design, digital display, timer and various grinding cups, this knife tissue grinder can be equipped with a gravity top cover with an overflow channel and a reduction top cover to compress the space of the grinding chamber, ensures high grinding efficiency. With simple operation and quick start, it is an ideal unit for pulverizing samples to analysis fineness within tens of seconds by relying on high speed and diversified accessories.

Features

- ❑ Specialized instrument used for pulverization and homogenization
- ❑ Strong industrial motor, stainless steel serrated blade
- ❑ Adjustable, high and fast grinding speed of 1000 to 1600 rpm
- ❑ Intermittent operation mode, safety protection lock
- ❑ Electronic control system with click function and program setting
- ❑ Method memory and storage function for up to 10 groups
- ❑ Digital display with 1 sec to 60 min time setting for convenient operation
- ❑ Gravity top cover with an overflow channel, for large sample processing
- ❑ Reduction top cover to compress the space of the grinding chamber
- ❑ High-efficient with simple operation and quick start

Application

Knife tissue grinder is used for effective grinding of dry, soft, elastic, fibrous, fat-containing, water-containing, and oil-containing and medium-hard samples across agriculture, medicines, biology, food industries etc.

Specifications

Model	LKTG-A10
Sample volume	≤ 700 ml
Sample type	Dry, soft, elastic, fibrous, medium-hard, fat-containing, water-containing, and oil-containing
Sample size	about 10 to 40 mm
Final sample size	About 300 μm
Speed range	1000 to 1600 rpm; adjustable
Timer range	1 sec to 60 min
Operation mode	Intermittent operation mode (interruptible)
Storage	10 groups
Display	Digital display
Control system	Electronic control system
Rotary knife material	Stainless steel blade, stainless steel serrated blade
Motor	Industrial motor
Safety protection lock	Yes
Power	1100 W
Power supply	AC 220 V, 50 Hz
Dimension (W×D×H)	300×310×370 mm
Gross weight	27.5 kg

Standard Accessories

Accessories no.	Accessories name
1	1 L Stainless steel container ×1 pc
2	1 L PP container ×1 pc
3	PP gravity top cover with overflow channel ×1 pc
4	Stainless steel blade ×1 pc
5	Stainless steel knife with serrate blade ×1 pc
6	Scraper ×1 pc