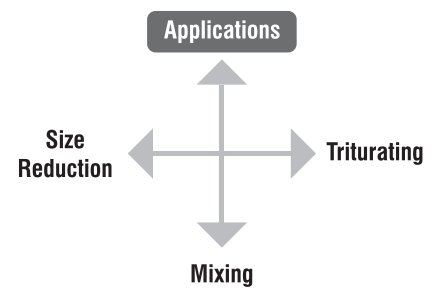
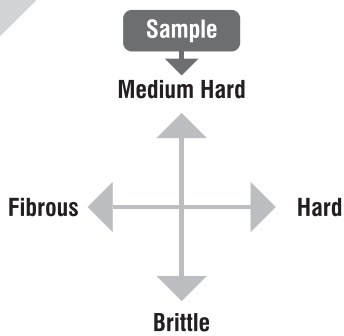


**CYCLONE
MILL
TWISTER
TW1100**



< 25mm
↓
< 75 μm



The TW1100 Cyclone Mill Twister is especially designed for food and feed sample preparation, suitable for various analytical techniques, such as NIR (near Infrared spectroscopy), Kjeldahl nitrogen determination, Fiber determination and solvent extraction.

TW1100 CYCLONE MILL TWISTER

The special design of the rotary knife, grinding cavity and grinding screen not only ensures the samples is not affected by the heat so as to guarantee the grinding effect, but also makes the cleaning quick and convenient.

APPLICATION FIELDS:

Agriculture, Pharmaceuticals,
Food, Feed, Chemistry

SAMPLE TYPE:

Fibrous, Soft, Dry and low fat
(Up to 15% water and 10% fat)

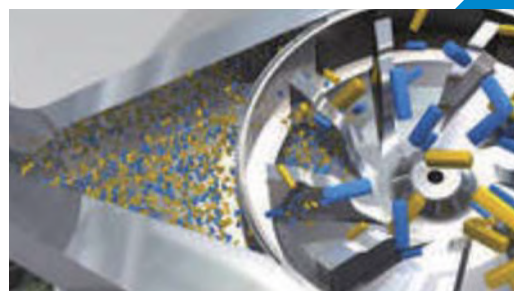
TYPICAL SAMPLES:

Granule tablets, Corn, Cattle feed,
Noodles, Medicine, Beans, Tobacco, Etc.,



WORKING PRINCIPLE:

The samples enter the grinding chamber through the feed hopper (with anti-splashing function), influenced by the air flow generated from the high speed rotating knife (impeller), the samples impact and friction intensely with the rotary blade and fixed screen so as to be crushed in a very short time. The crushed samples are driven by the turbine airflow to the receiving bottle in the low pressure area. The turbine airflow provides additional cooling conditions and cleaning functions, which guarantees the preservation of the ground samples. TW1100 can provide very fast and convenient samples treatment, and it is suitable for various analytical techniques.



FEATURES AND ADVANTAGES:

- Powerful motor and high speed ensure high grinding efficiency
- Cyclone separator can collect samples quickly
- No cross contamination, easy to clean
- Professional industrial design, long service life



TW1100 TECHNICAL DATA

Maximum feeding size	<10 mm
Final fineness	<250 μm
Speed setting	10000 - 16000 rpm
Rotor peripheral speed	82 m/s
Batch feeding volume	<250 ml
Rotor diameter	98 mm
Rated power	1.1 KW
Power supply	240V, 50 Hz
Instrument Size (W x D x H)	359 x 339 x 483 mm
Package size (W x D x H)	466 x 516 x 630 mm
Net weight	21 kg



APPLICATION EXAMPLES

BEFORE GRINDING	AFTER GRINDING	PARAMETERS	
		Sample	Corn
		Speed	16000 rpm
		Sample	Soft, medium-hard
		Remarks	Feed Speed
		Time	The sample can be collected immediately after feeding
		Sample	Wheat
		Speed	16000 rpm
		Sample	Soft, dry
		Remarks	The moisture content of the samples should not exceed
		Time	The sample can be collected immediately after feeding
		Sample	Rice
		Speed	16000 rpm
		Sample	Soft, dry, brittle
		Remarks	Feed Speed
		Time	The sample can be collected immediately after feeding
		Sample	Hay
		Speed	16000 rpm
		Sample	Soft, fibrous
		Remarks	The anti-splashing hopper should be removed before feeding
		Time	The sample can be collected immediately after feeding

**ORDERING INFORMATION FOR TWISTER
MODEL: TW1100**

Twister-TW1100 , 240 V, 50 Hz

Includes:

Rotor (Al)

Grinding ring

Sieve section (0.3mm & 0.8 mm)

2 sample bottles of 250 ml

ACCESSORIES

Sieve Section 0.5 mm

Sieve Section 0.8 mm

Sieve Section 1.0 mm

Sieve Section 0.3 mm

Standard Grinding Ring

Rotor, Aluminum

Filter Bag

Sample Bottle, 250 ml

Sample Bottle, 500 ml

Sample Bottles, 250 ml, 10 Pcs, Glass

Sample Bottles, 500ml, 10 Pcs, Glass

Adapter for 500 ml sample bottle



OTHER PRODUCTS

Vibratory Sieve Shaker VS 1100
(Touch Screen)



Air Jet Sieve Shaker
JS 1100 (Touchscreen)



Mortar Grinder
HG1100 (Touchscreen)



Mixer Mill
MM1100 (Micro)



Cryo Grinding Mill
CM1100



Ultra Centrifugal Mill - UCM 1100



Planetary Ball Mill MM 1400+
(4 Grinding Stations)



Planetary Ball Mill MM 1100+
(1 Grinding Station)



Vibratory Disc Mill
VDM 1100



Knife Mill KM 1100



Knife Mill KM 1300



Twister TW1100



3D Mixer LM3D



Jaw Crusher JC 1100

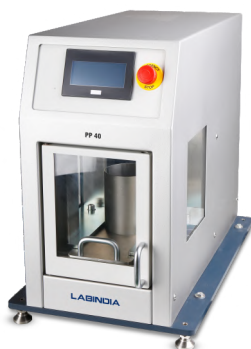


OTHER PRODUCTS

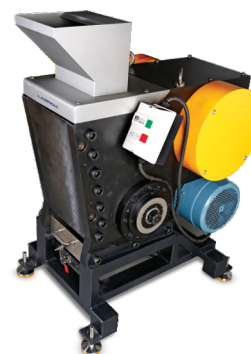
Intelligent Graphite Digestor GD1100



Automatic Pellet Press PP40



Jaw Crusher JC1200



LABINDIA
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www.labindia-analytical.com / For Enquiries: sales.mfd@labindia.com

Labindia Analytical Instruments Pvt. Ltd.

HEAD OFFICE:

Thane: 201, Nand Chambers, LBS Marg, Near Vandana Cinema, Thane (W) - 400 602. Tel.: +91-22-6908 6000 / 6908 6110 E-mail: sales.mfd@labindia.com

REGIONAL OFFICES:

Delhi: Tel.: +91-11-4330 6001 / 10

Chennai: Tel.: +91-44-2434 7008 / 2432 0352

Kolkatta: Tel.: +91-33-2466 3362

BRANCH OFFICES:

Bangalore: Tel.: +91 80 4565 6200

Lucknow: Tel.: +91-522-2346 535 / 2346 496

Hyderabad: Tel.: 040 4444 3530

Vadodara: Tel.: +91-265-2986 005 / 2986 006

Pune: Tel.: +91-(20)-2545 3386

Chandigarh: Tel.: +91-172-4090 001-07 / 4090 009

FACTORY: Plot No. EL-72, Electronic Zone, TTC Industrial Area, Thane Belapur Road, Navi Mumbai - 400 705. Tel.: +91-22-6107 6666

E-mail: lipfactory@vsnl.net

APPLICATION & TRAINING CENTRE: R-909, TTC Industrial Area, Thane Belapur Road, Rabale, Navi Mumbai - 400 701. Tel.: +91-22-6107 6555



Striving to become the best individuals, we endeavour to foster the best team. Performing sensibly, we try to achieve the best efficiency. Working innovatively, we seek to make the best products. Listening patiently, we excel to offer the best service. So, no matter what you needs are, come to us, GET THE BEST

LABINDIA reserve the right to change specification without notice as part of its continuous programme of product development.