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## T2-93

TUMBLING BARREL h=500 mm (BS 1363-1, Fig. 20)

\*Photo is symbolic

## KEYWORDS

T2-93, TUMBLING BARREL, h=500 mm, BS 1363-1, Fig. 20

## COMPLIANCE

It is constructed in compliance with BS 1363-1, Fig. 20,...

## INTRODUCTION

T2-93 TUMBLING BARREL h=500 mm, BS 1363-1, Fig. 20 is intended for establishing the resistance of different products and semi-products to mechanical shocks.

Barrels are exchangeable, so that it is also possible to attach different barrels on this apparatus.

Barrels in accordance with other standards can be supplied on customers request and are not included in the price.

## MAIN FEATURES

- Ergonomically designed
- Moveable on four swivel rollers with breaks
- Exchangeable barrels
- Solid anodized aluminum framework
- Wooden barrel made of blockboard, lacquered
- Shelf faced with non-grip material
- Impact base 9 mm nominal thick plywood, impact face birch - replaceable
- Acrylic – transparent doors on both sides for observation, sample manipulation and impact base exchange.
- Electromotor drive with reduction gear

### Control unit

- Front plate of anodized aluminium
- Electromotor controller with current-protection and feed back regulation
- Counter that switches the apparatus off after completing preset number of cycles
- Motor speed regulation knob

## TECHNICAL SPECIFICATIONS

Line voltage	U = 230(110) V, 50(60) Hz	
Power consumption	P <sub>max</sub> = 240VA	
Motor	Voltage: 36VDC, permanent magnets stator Output power: 120W	
Barrel turns	5 rpm - adjustable	
Regulation	electronic, with feed back	
Counter	24 V DC, n=0-99999 off-switching, manual preset, manual reset (on preset value)	
Weight:	min. 35 kg max.: depends on type and variation	
Fall height	500 mm	
Fall base	Impact base 9 mm nominal thick plywood, impact face birch	
Dimensions	Width	600 mm
	Depth	600 mm
	Height	950 mm

## DESIGN

Free standing apparatus, on 4 swivel rollers

CONTROL UNIT: solid case, Non-sensitive, scratch-resistant surfaces through powder-coating, side panels, Al extrusion, RAL 7016, Frame, Al die-cast, RAL 7016, Base and cover, Al, 1.5 mm, RAL 9006, with GND/earthing connection, case feet with anti-slip protection, front plate and rear panel anodized aluminum 2,5 mm.

Internal and external dimensions in accordance with: IEC 60297-3. Type of protection IP 20 in accordance with IEC 60529, Protective GND/earthing connections in accordance with: IEC 61010, DIN EN 50178 / VDE 0160, DIN EN 60950 / VDE 0805, DIN EN 61010-1 / VDE 0411 part 1, DIN EN 61010-1A2 / VDE 0411 part 1/A1.

MECHANICAL UNIT: Frame is made of anodized aluminum sectional profiles

## OTHER CONDITIONS

Warranty: 2 years

Support by E-mail: [support@testing.si](mailto:support@testing.si)

On line Skype VIDEO Support: Testing\_support, matejsimonic

We will be glad to help you solve your problems and to hear any feedback from you.

The equipment described here is subject to redesign without notice. The change will not impair the function of apparatus its characteristics or the price.