

## STANDARD DEVICE

### DISI-M

Manual Disintegration Tester with LCD-Display and individual Timer

The series of DISI-M Tablet Disintegration Tester combines a proven design with new innovative concepts of technology and user friendliness. DISI-M has been developed in conjunction with the automatic Tablet Dis-integration Tester DISI and provides an economic solution at a high quality standard.

More than 10 years of experience in the field of pharmaceutical electronic and software applications have influenced the DISI's unique design. The system is designed according to the USP and EP standards for disintegration testing and is available with 1,2,3 or 4 individual test stations.

#### MEASURED PARAMETERS



#### DISINTEGRATION

#### ADVANTAGES

- + Magnetic coupling of baskets
- + Reliable results
- + Universal

#### FUNCTIONS

- Softstart feature for basket entering the medium
- Individual timer for each test station

#### OPTIONS

- Large basket, type B for tablets > 18mm
- Basket for capsules
- IQ, OQ, PQ



Pic.: DISI-3M with three independent measuring stations



## DISI-M

All DISI-M operations are performed via the front panel machine operating interface. Thanks to the very easy operating environment the user will become familiar with the system in a very short period of time.

The baskets move vertically by stepping motors running in micro step mode. This allows the baskets to move smoothly in and out of the media and ensures strictly sinusoidal motion. Also, with multiple station testers the up and down movements are exactly identical in time and speed.



Pic.: DISI-M Basket, Type B

TECHNICAL DATA	DISI-1M	DISI-2M	DISI-3M	DISI-4M
Dimensions W x D x H (mm)	340 x 250 x 750	475 x 250 x 750	610 x 250 x 750	750 x 250 x 750

### Weight

Weight empty	20 kg	30 kg	40 kg	50 kg
Weight filled	26 kg	39 kg	52 kg	65 kg
Volume water bath	6 l	9 l	12 l	15 l
Volume beaker	1000 ml	1000 ml	1000 ml	1000 ml

### Main Supply

Voltage	100-240 V	100-240 V	100-240 V	100-240 V
Frequency	47-63 Hz	47-63 Hz	47-63 Hz	47-63 Hz
Power consumption	50 W	75 W	100 W	125 W
Fuses	1 AT	1 AT	2 AT	2 AT

### Thermostat

Voltage	230 V / 115 V
Frequency	50 Hz / 60 Hz
Power consumption	2,1 KW / 1,1 KW

### Interfaces

Optional printer port  
Epson TMU 220

### Environmental conditions

Temperature range	18-27°C
Max. temperature water bath	40°C
Relative humidity	20-80% non-condensing

### Reproducibility drives

Stroke frequency	30 strokes/min +- 0,1
Stroke	55 mm