

# Twister Vacuum Mixing Units

## Twister

Compact Vacuum mixer with simple operation for reliable processing of large amounts due to high-speed, automatic mixing. Flexible for use with alginate impression materials and all duplicating and model materials used in dental technology. Features automatic bowl coupling for single-handed operation.

Item Code: 18261000

- Base unit
- Easy operation
- Adjustable vacuum level from 70% to 100%
- Offers all standard functions
- Ideal for small laboratories
- Can be wall mounted or used as a bench unit



## Twister Evolution

Vacuum mixer with 100 individually programmable mixing programs, which are distinguished by their intuitive operation. All mixing results have absolute reproducibility at the touch of a button. The motor has an exceptionally high torque, which allows it to mix very large quantities of all types of material. Features automatic bowl coupling for single-handed operation.

Item Code: 18281000

- Over 100 programs
- Optimal mixing parameters can be saved for different users and different materials
- Recommended for laboratories with more than 10 employees
- Adjustable vacuum level from 70% to 100%



## Accessories

### 1. Stand

Item Code: 18210102



### 2. Mixing Bowl + Paddle Sets



**65 mL**

Item Code: 18206500



**200 mL**

Item Code: 18200200,  
\*Bowl Only: 18200220



**500 mL**

Item Code: 18200500,  
\*Bowl Only: 18200520

### 3. Mixing Spatula

Item Code: 18210200



**700 mL**

Item Code: 18200700



**1,000 mL**

Item Code: 18201001



**500 mL Alginate**

Item Code: 18200700

(\*) Select mixers also available without paddle

## Technical Specifications

- Vacuum pump capacity: 16 l/min (0.56 cfm)
- Rotational speed: 100-450 1/min
- Vacuum reduction: 70-100%
- Max vacuum / bowl pressure:  $\approx$  -890 mbar / 80 mbar ( $\approx$  -12.9 psi / 1.16 psi)
- Dimensions without stand (W x D x H): 6" x 11.2" x 9.3"
- Weight: 11.5 lbs
- Scope of delivery: Incl. 500 mL bowl and mixing paddle
- Warranty: 3-year (excludes wear & tear parts) and 10-year spare part availability guarantee

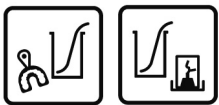
## Increasing Expectations of Quality Call for Improved Tools

The optimization of laboratory processes requires the consistent qualification of employees and well-functioning quality management based upon well engineered technologies and devices. Vacuum mixing devices play a leading role in the classical working processes in a laboratory and are an important link in the whole quality chain.

## Homogenous Mixing Results

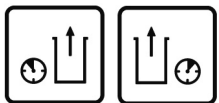
- The all-round optimized vacuum technology produces homogenous mixing results, which are the basis of perfect casting, pressing and milled objects.
- The adjustable vacuum prevents bubbles from forming on certain plasters and duplicating silicones.
- The high-speed mixing motor mixes large amounts of material reliably and reproducibly.
- Adjustable vacuum performance
  - Twister evolution: 70 – 100% in 5% steps

## Programs



### 2 pre-mixing programs

- Processing times can be individually adapted to suit plaster or investment material
- Reproducible results = high quality standard



### Pre- and post-vacuum

- Safe and early evacuation of reaction gasses with investment materials
- Bubble-free and accurately fitting cast and pressed objects



### Large range of speeds from 100 – 450 rpm

- Ideally suited for all investment materials = in compliance with the given manufacturer's specifications
- Attainment of the warranted material characteristics



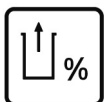
### Mixing time

- Mixing time settings according to the manufacturer's instructions, are accurate to the split second
- Processing safety



### Reverse rotation

- Optimally mixed through = assured evacuation of trapped gas bubbles
- Homogenous mixing results



### Adjustable vacuum performance

- Ideally suited for all mixing materials = avoidance of bubbles in plaster and silicone
- Bubble-free material structure

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