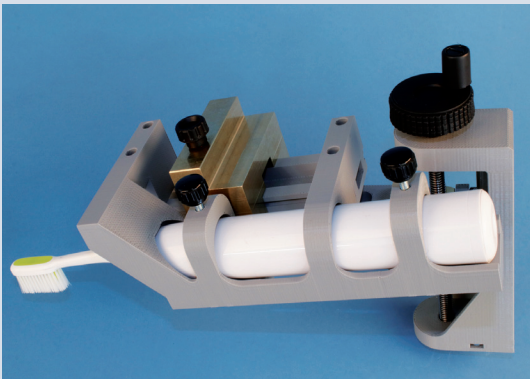


# TOOTHBRUSH SIMULATOR **ZM-3.8**

## TESTING OF

- TOOTHBRUSHES
- ELECTRIC TOOTHBRUSHES
- TOOTHPASTE
- MATERIAL SPECIMEN
- COATINGS
- SURFACE FINISHING



## BASIC FEATURES

- Testing of 8 (12 option) specimen simultaneously with identical movement pattern
- Easy attachment & adjustment of specimen and brushes
- Height of each brush adjustable individually
- Variable load on each brush
- Specimen stations can be filled with fluid (e.g. toothpaste/ water mixture)
- 2 independent axes
- Maintenance-free drive system

## USER INTERFACE AND SOFTWARE FEATURES

- 5.6" graphical touchscreen
- Different movement pattern:
  - Back and forth
  - Left and right
  - Circular
  - Zig-Zag
- Speed and travel path user adjustable

## OPTIONS

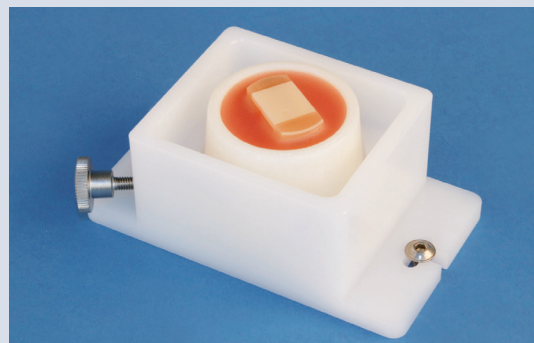
- 12 instead of 8 specimen stations
- Holders for electric toothbrushes
- Customized specimen holders

## TECHNICAL DATA

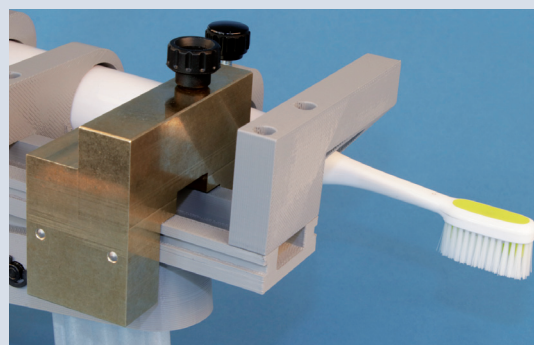
• No. of specimen stations	8, optional 12
• Load on brush	~0 - 3 N
• Axis travel	1 - 15 mm 0.1 mm increment
• Speed range	1 - 30 mm/s
• Max. cycle target	4.000.000
• Max. specimen size (Width x depth x height)	20 x 20 x 15 mm
• Dimensions (Width x depth x height)	1200 x 750 x 500 mm
• Weight	75 kg
• Power supply	110 - 240V~, 50/60 Hz max. 60 W
• Max. environmental temperature	40°C



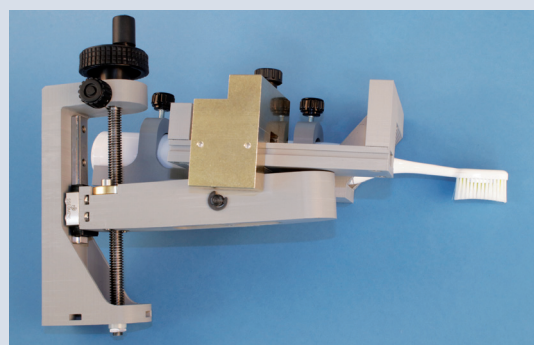
Easy attachment of brushes



Sample mounted in specimen station



Load on brush freely adjustable by sliding weight



Easy height and inclination adjustment of brush

## SD MECHATRONIK GMBH

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**SD Mechatronik**  
Dental Material Testing Systems