

## ● LABORATORY – TECHNOLOGY MACHINE

# MOTOR HANDPIECE HSM-40

A total professional without compromises



HSM-40 Table-operated starter

### Technical information

Simple, safe, time saving: with the motor handpiece HSM-40 of the HSM series you have a first class multi-function tool for processing all the materials to be found in a laboratory – from plastic to zirconia. The motor handpiece leaves nothing to be desired: an overload protection is as much par for course as is the soft-start and the practical quick-stop function. Particularly comfortable: the external operating element. It allows the user not only particularly simple control but also simultaneous control of all functions and operating states, as well as infinitely variable speed control.

- latest generation powerful and multifunctional motor handpiece
- microprocessor controlled speed range: 1,000 – 40,000 min<sup>-1</sup>
- overload protection, Soft-Start, Quick-Stop, clockwise and anti-clockwise rotation at full speed
- brush, maintenance and vibration free motor
- particularly ergonomic control with overview of all functions and operating states, automatic modes
- optimised speed for less material heating and longer tool life
- HSM-40 available with foot-, knee- or table-operated starter
- foot-operated starter for knee-operated starter can be retrofitted as an option

## ● Technical data and accessories

<b>HSM-40</b> Foot-operated starter	<b>Item no.: 111980</b>
<b>HSM-40</b> Knee-operated starter	<b>Item no.: 111981*</b>
<b>HSM-40</b> Table-operated starter	<b>Item no.: 111982**</b>
Voltage*	220–240 V / 50/60 Hz
Power consumption equipment	160 W
Motor capacity	95 W
W x H x D	253 x 97 x 202 mm (without lever) 253 x 97 x 275 mm (with lever) 108 x 236 x 282 mm (without bracket)* 187 x 236 x 304 mm (with bracket)* 236 x 88 x 282 mm**
Weight	2.5 Kg, 3.7 kg*, 4.0 kg**
Sound level	≤ 55 dB (A)
Speed	1000 – 40 000 min <sup>-1</sup>
Torque	5.5 Ncm
Duty	S6 (4/10 min) continuous operation with interrupt load

\*Other voltages on request

Incl. in delivery	Item no.:
Foot-, Knee-*, Table-** operated starter	
Control unit 230 V	111980
Control unit 230 V*	111981*
Control unit 230 V**	111982**
Motor handpiece	111121
Rest for handpiece	111103
Chuck key	111155
Flat spanner	111154
Service oil	111151
Cleaning brush	111152
Mains cable (Europe)	111102
Motor cable, 1.8 m	111110
Operating controls, only*/**	111111
Holding plate, only*	111113
Tapping screw, only*	111114
Foot-operated starter, only**	111119

### Accessories

Item no.:	
	Foot-, Knee-*, Table-** operated starter
111123	E-motor with ISO coupling, optional
111111	Operating controls
111124	Holder for operating controls
111121	Motor handpiece
111119	Foot-operated starter, only*/**

Technical changes reserved

HSM-40  
Foot -  
operated starter  
with accessory  
operating controls



HSM-40  
Knee-operated starter

## Major features at a glance

- powerful and multifunctional motor handpiece
- variable speed range
- simple handling, particularly ergonomic
- seriously operator friendly

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