

● LABORATORY – TECHNOLOGY MACHINE

MOTOR HANDPIECE HSM-50

A total professional without compromises



HSM-50 Table-operated starter

Technical information

Simple, safe, time saving: with the motor handpiece HSM-50 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. The HSM-50 also has an extremely efficient blow-out function integrated directly in the handpiece – it makes the constant move for the air gun a thing of the past.

- latest generation powerful and multifunctional motor handpiece
- microprocessor controlled speed range: 1,000 – 50,000 min⁻¹
- 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
- time saving through economic blow-out function
- optimised speed for less material heating and longer tool life
- HSM-50 available with foot-, knee- or table-operated starter
- foot-operated starter with blow-out function for knee-operated starter can be retrofitted as an option

● Technical data and accessories

HSM-50 Foot-operated starter	Item no.: 111986
HSM-50 Knee-operated starter	Item no.: 111987*
HSM-50 Table-operated starter	Item no.: 111988**
Voltage*	220–240 V / 50/60 Hz
Power consumption unit	200 W
Motor capacity	160 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	3.5 kg, 4.7 kg*, 5.0 kg**
Sound level	≤ 55 dB (A)
Speed	1000–50 000 min ⁻¹
Torque	7.8 Ncm
Duty	S6 (4/10 min) continuous operation with interrupt load
Blown out air pressure (input)	max. 6 bar (87 psi / 600 kPa)

Incl. in delivery	Item no.:
Foot-, Knee-*, Table**-operated starter	
Control unit 230 V	111986
Control unit 230 V*	111987*
Control unit 230 V**	111988**
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	111116
Hose for air supply	111115
Operating controls, only*/**	111117
Holding plate, only*	111113
Tapping screw, only*	111114
Fitting for blow-out function, only*	111118
Foot-operated starter with blow-out function, only**	111119

Accessories	Item no.:
Foot-, Knee-*, Table**-operated starter	
Operating controls	111117
Holder for operating controls	111124
Motor handpiece	111121
Foot-operated starter with blow-out function, only*/**	111119

*Other voltages on request

Technical changes reserved

HSM-50
Foot-operated
starter
with accessory
operating controls



HSM-50
Knee-operated
starter



Major features at a glance

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

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