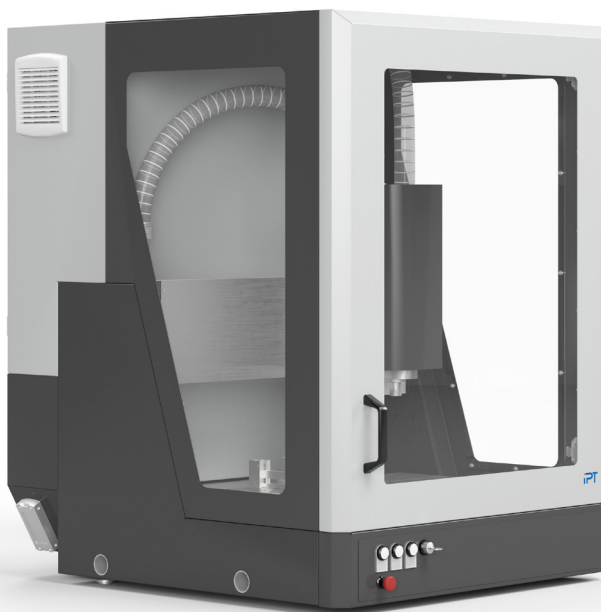


Model no. 1812

CNC TEST BAR MILLING MACHINE



According to

ISO 527

ISO 6259

ASTM D 638

ISO 179/180

ISO 16770

ASTM D 1822

The test bar milling machine enables bar-shaped plastic samples to be produced for tension, pressure, bending and flexural impact tests in accordance with a wide range of standards. The CNC milling machine is a table-top unit with electrically locking protective doors. Pre-configured machining programs for all common bar shapes and visualisation via Windows makes it very easy to operate the milling machine. Up to five test bars can be produced in one milling process. The allround enclosure ensures safety at the workstation during the milling process. A swarf extraction system and the optional ionisation unit ensure the workstation remains clean.

SIMPLE AND SAFE OPERATION

- > Pre-configured machining programs
- > Protective doors with safety lock
- > Clean workstation thanks to machine enclosure
- > Delivered with workbench (optional)

RELIABLE TEST RESULTS

- > Test bars milled in accordance with standards
- > CNC-controlled positioning of the axes
- > Machined areas cooled with compressed air

LASTING EFFICIENCY

- > High-quality unit components guarantee high reliability, a long service life and low maintenance costs



VERSION CNC TEST BAR MILLING MACHINE		V1812-0001	V1812-0002	V1812-0003	V1812-0004
Replaceable milling table		-	-	✓	✓
MILLING TABLE WITH MECHANICAL CLAMPING DEVICE		✓	✓	✓	✓
Max. clamping range for small blanks [mm]	thickness length	30 220	30 220	-	-
Max. clamping range for big blanks [mm]	thickness length	70 250	120 250	70 250	120 250
Max. number of test bars	small big	5 2	5 2	2	2
MILLING TABLE WITH PNEUMATIC CLAMPING DEVICE		-	-	✓	✓
Max. clamping range for blanks [mm]	thickness length	-	-	24 165	24 165
Max. number of test bars		-	-	5	5
WORKBENCH WITH DRAWER		+			
Rotational speed of spindle	Rpm	3,000 to 18,000			
Hard metal milling cutter Ø 5, 8, 10, 12 mm (subject to standard)		✓			
Diamond milling cutter		+			
Ionisation unit with integrated extraction system		+			
Milling program		acc. to EN, ISO, ASTM, etc			
Operation via PC		✓			
CE conformity		✓			
Permissible ambient temperature	°C	+5 to +30			
Permissible relative humidity	%	max. 70 non-condensing			
Noise emission	dB(A)	85 during the milling process			
Milling table (W x D)	mm	500 x 300			
Dimensions (W x D x H)	mm	900 x 1,100 x 1,100			
Weight	kg	320			
Voltage data		230 V, 50 Hz *other voltages			
✓ included		+ available/optional		O eligible	
				- not available	
				* available upon request	

ACCESSORIES CNC TEST BAR MILLING MACHINE

Product	Description	Model no.
	Tensile tester	H3016
	FNCT	1598 1719 1727