APPARATUS WITH OPTIMUM PARAMETERS FOR THE PREPARATION TECHNOLOGY AND FINISHING ADJUSTMENT OF SAMPLES FOR YOUR LABORATORY

SWING MILL HK 50

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Swing Mill HK 50 is designed for the preparation of laboratory samples for analytical chemistry, X-ray and spectral analysis, electron microscopy, mineralogy, microbiology and for many other relative scientific disciplines.

The instrument enables a very quick milling of small quantities of various kinds of materials and their simultaneous homogenization.

Typical materials for the application are:
o geological samples o rocks o minerals o cements and concretes o slags and sintered ores o coal and coke o glass and china o plants, foodstuffs.

Several kinds of exchangeable milling sets specifically engineered for use with Swing Mill HK 50 are available to serve a broad range of sample material application in innumerable scientific disciplines.

An easy and reliable utilization of the mill with its quiet run are the main advantages of the friendly operation of the instrument.

o The mechanism of the swing mill is uniquely engineered with a well balanced swinging mechanism providing minimal vibration and outstanding stability for counter-top operation.

o During the operation of the mill the door of the cover is locked by means of an electromagnetic lock. The control system with graphic display ensures all necessary functions connected with the running of the swing mechanism. Display controls start, continual speed change and the milling time, controlled breaking, overvoltage, the protection against overload and others.

o The control system secures an exact adjustment of speed and milling time and enables the reproducibility of the results during the preparation of samples.

TECHNICAL PARAMETERS

o Electric power	230V / 115V, 50 / 60Hz, 0,4kW	
o Adjustment of milling time	up to 30 sec - 10 minutes	
Adjustment of milling speed	up to 500 - 1800 rpm	
8 programmable mode of milling.		
o Milling sets		
- useful volume	up to 60 ml	
- starting size of the samples	about 10 - 15 mm	
o Dimensions of the instrument	525 by 345 by 785 mm	
o Net weight	85 kg	

Possible technical changes reserved.