

Semi-Automatic Milling Machine for Non-Ferrous Metals HAF/2



OPTIMIZED SAMPLE PREPARATION FOR
THE SPECTRAL ANALYSIS OF SAMPLES
FROM NONFERROUS METALS

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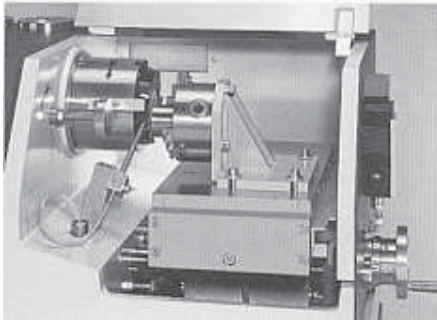
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HERZOG



PREPARATION OF SAMPLES FOR PRECISE ANALYSIS

The HAF/2 milling machine prepares non-ferrous metal samples of various shapes for spectral analysis.

After manually clamping the sample in the clamping chuck and closing the cover, the milling process is started by pressing the start button.

Pre-set parameters such as milling depth, rate of feed and spindle speed ensure a high degree of reproducibility of the milled sample surface.

EXACT MILLING WITH DIFFERENT SAMPLE SHAPES

Various clamping devices are available for clamping the samples and can be adjusted to the shape of the samples.



OPTIMUM ADAPTATION TO THE SAMPLE MATERIALS

Three different spindle speeds and an infinitely adjustable rate of feed ensure an optimal surface for analysis.

SAFE, CLEAN PROCESSING

The machine is completely enclosed and therefore quiet, and fulfills the valid safety standards in accordance with UVV and VDE regulations.

The tank for the coolant is located in the machine housing to save space.

The chip pan can easily be removed from the housing for emptying.

Herzog products, such as the HAF/2 sample milling machine, have been specially developed for spectral analysis. The high quality of the technical components and the small size make the machines ideal for use in labs

Dimensions, L x B x H

Machine: 720 x 700 x 1190 mm

Weight

Machine: 350 kg

Power supply and consumption

Voltage: 400 V, 50 Hz, 3 phase

Power draw: 2 kVA

Milling spindle speeds

2,755 RPM, 3,330 RPM, 4,785 RPM

Compressed air supply and consumption

Pressure: min. 5 bar, max. 10 bar

Consumption:

approx. 100 dm³/N per sample

Electric switch cabinet (on machine housing)

Electronic controls

Control voltage: 24 V DC

Protection type: IP 44

Insulation class: B

Processing parameters

Processing time: approx. 45 sec.

Sample materials that can be processed:

Materials: Non-ferrous metals

max. diameter of sample: 70 mm

Option

Spray removal by suction

Technical design subject to modification.

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