Sample Grinder HK150

Manual pendulum grinder for fast grinding or iron and steel samples

- Compact desktop machine, dustproof, covered working place, halogen spot light
- Reproducible flat surface, easily operated pendulum arm in taper bearings
- Simple and reliable machine construction
- Specially suitable for hard materials, like white cast irons
- Adaptable to various qualities by special stone cup wheels
- Vertical moving of grinding head by handwheel with 0.1 mm scale
- Clean operation by attaching an external dust exhauster at rearside adapter

Technical specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Grinder motor</td>
<td>3 x 400 V/50 Hz, 1.1 kW (three phases, each 230V)</td>
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<td></td>
<td>1 x 230 V/50 Hz</td>
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<tr>
<td></td>
<td>3 x 220 V/60 Hz (USA/Canada)</td>
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<tr>
<td>Instrument dimensions</td>
<td>400 x 400 x 680 mm</td>
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<tr>
<td>Mass</td>
<td>100 kg</td>
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<tr>
<td>Revolution speed</td>
<td>2800 rpm/3440 rpm</td>
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<tr>
<td>Grinding stone</td>
<td>150 x 80 x 32 mm</td>
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<tr>
<td>Grinding height</td>
<td>min. 4 mm, max. 90 mm</td>
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<tr>
<td>Lighting</td>
<td>12 V/20 W halogen</td>
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</tbody>
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Standard accessory
- Vice for sample holding
- Grinding stone, tool for stone change
- Dressing bar for grinding stone
- Transport handles

Optional accessory
- Magnetic vice with handle and quick exchange arm
- Special vices – bigger vice for max. diam. 58 mm
- Hardened vice jaws: 3 mm, 9 mm (regular) and 20 mm
- Copper cooling blocks
- Corundum / silicon carbide cup wheels 150 x 80 x 32 mm
- Spare parts kit: 2 bellows, safety glass, halogen lamp

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