



#### TURN SWITCH & BOOST FUNCTION

The ON/OFF switch with illuminated status indication and the turn switch with scale and integrated boost button allow for intuitive operation of the manual devices. Once the speed is set, it is maintained throughout the complete grinding and polishing process. The boost function may be optionally activated and helps to spin-dry the grinding and polishing medium at 750 rpm for 3 seconds at the end of the preparation process.



## SAPHIR 250 M2

Die SAPHIR 250 M2 is a manual twin wheel grinder and polisher for working wheels Ø 200/250 mm.

The especially strong, speed controlled drive allows application for all working steps.

The shock-resistant plastic basin, powder coated Aluminium

housing and high standard of technology inside the unit lend the requisites for quiet and smooth running and optimum preparation results.

#### BASIC MODULE

#### SAPHIR 250 M2



- » Twin wheel grinding- and polishing machine
- » Variable speed
- » Clockwise and anti-clockwise rotation
- » Spin cycle feature (cleaning Boost)
- » Easy, fast and tool-free change of working wheel
- » Easy cleaning/rinsing of bowl by lifting the working wheel
- » Aluminium case, powder coated
- » Impact-proof plastic bowl
- » Manual water solenoid
- » Basin rinsing tube
- » Incl. splash ring and cover
- » Start-Stop function with status indication
- » Combinable with manual dosing unit Topas M

200-240 V / 50/60 Hz (1Ph/N/PE)

Order No.: M5631010

100-120 V / 50/60 Hz (1Ph/N/PE)

Order No.: M5631015



ACCESSORIES

SETTLING TANK



» 2-chamber-compartment, 45 ltr.

» inlet sieve and filter bag



for System lab cabinet  
(insertion mechanism)

referring height of System cabinet

H 800 mm      Order No.: A5810261

H 900 mm      Order No.: A5810237



mobile

Order No.: A5800496

CONNECTION SET



Order No.: Z5600008

1 drain tube      Ø 40 mm; 1.5 m

1 pressure tube    R 1/2"; 2 m

WORKING WHEELS SAPHIR 250



» Single-disc design



Ø 200 mm      Order No.: Z5631001

Ø 250 mm      Order No.: Z5631002

CLAMPING RING SAPHIR 250



» for working wheels SAPHIR 250 M/A  
» plastic

Ø 200 mm      Order No.: Z5631003

Ø 250 mm      Order No.: Z5631004

DOSING UNIT TOPAS M



» see page 118/119



SPECIFICATIONS

Working wheels      Ø 200/250 mm

Speed                  30 - 600 U/min

Connected load      1.6 kVA

WxHxD ~              901 x 265 x 710 mm

Power supply        1 200-240 V / 50/60 Hz (1Ph/N/PE)  
                              2 100-120 V / 50/60 Hz (1Ph/N/PE)

Weight                1 45 kg  
                              2 49 kg

