



研磨抛光机

SAPHIR 560 / RUBIN 520

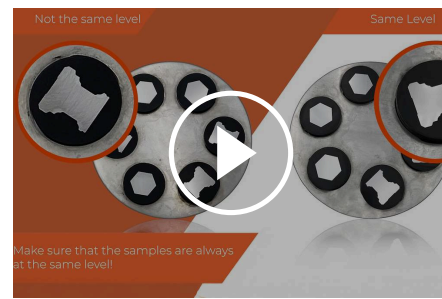
**Saphir 560 (Rubin 520)** 是新一代等径双盘磨抛机，它采用创新的磨抛头，工作盘直径为200-300 mm。

Rubin 520磨抛头配备了一个自动防护罩，为安全操作设定了新标准。单点力和中心力加载、程序存储、集成的自动加液系统及材料磨削量精确控制只是其部分功能。

带气动夹持的电动高度设置功能，结合主机的所有其他特征，saphir 550满足最高的制样需求。磨削深度可以按照0.01 mm的精度预设，并在制样过程中全自动测量。在达到预设值时，制样过程会自动停止。

## 优点

- | 带有Rubin520的双盘研磨/抛光装置
- | 单点力和中心力控制
- | 磨盘速度和动力头速度可调
- | 触摸屏式的电子控制
- | 储存切割程序
- | 动力头可顺时针/逆时针旋转
- | 高度和侧向位置记忆功能



[点击观看视频](#)

视频: 使用中心力进行制样的正确方法

## 完美的研磨和抛光 - QATM 耗材

研磨和抛光在使用正确的工具（知识、护理以及正确选择的耗材和设备）进行加工时，会更加可靠、安全和高效。



研磨抛光机 SAPHIR 560 / RUBIN 520

## 技术参数

工作盘	∅ 200-300 mm
样品数量 (单点)	1-6个 样品 ∅ 50 mm
单点加载压力	5-80 N
中心加载压力	基于夹持器
连接电源	5.5 kVA
运行功率 (基础)	2x 0.75 kW S6/40%
运行功率 (研磨控制头部分)	0.17 kW S1
转速 (磨抛机)	50 - 600 rpm
转速 (研磨控制头部分)	30 -150 rpm
宽 x 高 x 深	1020 x 550 - 650 x 660 mm
重量	~ 110 kg
水压	1x 进水 R $\frac{1}{2}$ " 最大 6 bars

[www.qatm.cn/saphir-560](http://www.qatm.cn/saphir-560)

## ORDER DATA

### BASIC EQUIPMENT

#### MACHINE (ALL ITEMS REQUIRED)

M5600160 Saphir 560 Base machine



#### POWER SUPPLY (1 ITEM REQUIRED)

A5600055 Saphir 560 Rubin 520 power 220-230V/50/60Hz sep.

A5600056 Saphir 560 Rubin 520 power 110V/60Hz (1Ph) sep.

#### CONTROLLED REMOVAL (1 ITEM REQUIRED)

A5600053 Rubin 520 polishing head without removal

A5600054 Rubin 520 polishing head with removal measuring

#### CARRIER WHEEL (ITEMS REQUIRED)

05610037 Carrier wheel Ø 200 mm



05610058 Carrier wheel Ø 230 mm



05610057 Carrier wheel Ø 250 mm



05610059 Carrier wheel Ø 300 mm



#### WORKING WHEEL (ITEMS REQUIRED)

Z5610034 Working wheel Ø 200 mm



Z5610030 Working wheel Ø 230 mm



Z5610031 Working wheel Ø 250 mm



Z5610032 Working wheel Ø 300 mm



#### DOSING UNIT (TO BE ORDERED WITH THE MACHINE)

A5400001 Rubin 520 Dosing unit



Z5410006 Bottle holder for Rubin 520/530



#### SAMPLE HOLDER (1 ITEM REQUIRED)

Z5446030 Sample holder L-160-12-Ø-25 central pressure

Z5446031 Sample holder L-160-8-Ø-30 central pressure

Z5446034 Sample holder L-160-6-Ø-40 central pressure

Z5446035 Sample holder L-160-5-Ø-50 central pressure

Z5446042 Sample holder L-185-3-Ø-60 central pressure

Z5446044 Sample holder L-204-5-Ø-70 central pressure

Z5446030 Sample holder L-160-12-Ø-1" central pressure

Z5446032 Sample holder L-160-8-Ø-1 1/4" central pressure

Z5446033 Sample holder L-160-6-Ø-1 1/2" central pressure

Z5446035 Sample holder L-160-5-Ø-2" central pressure

Z5446036 Sample holder L-160-3-RE-55x30 central pressure

Z5446037 Sample holder L-160-3-RE-60x40 central pressure

Z5446043 Sample holder L-185-3-RE-70x40 central pressure

Z5446045 Sample holder L-204-3-RE-100x50 central pressure

Z5446038 Sample holder L-160-6-Ø-20-40 central pressure

#### OPTIONS (CAN BE ORDERED SEPARATELY)















Z5600009 Connection-Set Saphir 520/530/550/560

05610228 Clamping ring Ø 200 mm



05610227 Clamping ring Ø 230 mm



05610226		Clamping ring Ø 250 mm
05610225		Clamping ring Ø 300 mm
92008528		Magnetic Foil Ø 200 x 1,0mm PSA
92005820		Magnetic Foil Ø 250 x 1,0mm PSA
92005822		Magnetic Foil Ø 300 x 1,0mm PSA
05400086		Distance ring Ø25 mm (for Ø50mm Hole)
05440138		Distance ring Ø 1" mm (for Ø50mm Hole)
05400085		Distance ring Ø30 mm (for Ø50mm Hole)
05440139		Distance ring Ø 1 1/4" (for Ø50mm Hole)
05400084		Distance ring Ø32 mm (for Ø50mm Hole)
05400083		Distance ring Ø38 mm (1,5") (for Ø50mm Hole)
05400082		Distance ring Ø40 mm (for Ø50mm Hole)
05400114		Levelling plate Ø160mm 2mm
05400246		Levelling plate Ø160mm 4mm
A5810261		Settling tank 45L for System Lab 2, mobile, with insertion mechanism for cabinet 800
A5810237		Settling tank 45L for System Lab 2, mobile, with insertion mechanism for cabinet 900
A5800496		Settling tank 45L for System Lab, mobile, without folding wheels