

DIAMOND WIRE SAWS

FINE CUTTING AND ABSOLUTE PRECISION

Ref. 52020

With their stainless steel wire set with diamonds, the diamond wire saws cut most materials.

It is particularly recommended for cutting delicate samples such as silicon, glass or electronic components.

Low speeds allow samples to be cut whilst protecting materials and preventing overheating. They ensure flat cut surfaces with clear edges, avoiding modifications to the structure on each side of the cut.

Also, its sample clamping system avoids any dimensional distortion and its horizontal/vertical working modes make cutting easier.



4500 SAW Ref. 52040 C €



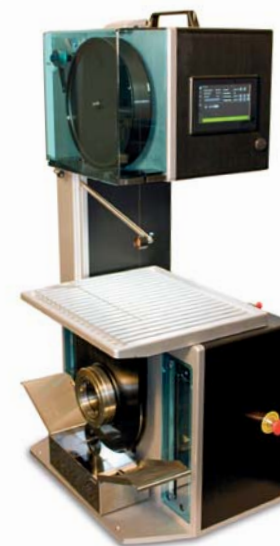
860mm



85kg



L: 590mm
W: 480mm



6500 SAW Ref. 52050 C €



1200mm



105kg



L: 650mm
W: 480mm



3400 SAW Ref. 52030 C €



310mm



11.3kg



L: 450mm
W: 290mm



3500 BASE SAW Ref. 52010 C €



460mm



13.8kg



L: 410mm
W: 345mm



3500 PREMIUM SAW Ref. 52020 C €



460mm



13.8kg



L: 410mm
W: 345mm

CHARACTERISTICS

	3500	3500 PREMIUM	3400
POWER SUPPLY - CONTROL			
Voltage 230V, 50-60Hz	✓	✓	✓
Access code	✓	✓	✓
Mains cable	✓	✓	✓
Power supply USB 5V on the side of the machine	✓	✓	✓
Touchscreen (optimal regulation of wire speed, measurement of effective cutting time)	✓	✓	✓
WiFi Ready	on demand	on demand	on demand
Timer	✓	✓	✓
WORKING AREA			
Height adjustment (counterweight position markers using coloured dots, like on the winder)	✓	✓	
ADVANCEMENT			
Gravity (wire)	✓	✓	
Scale/Weight (sample)			✓
CUTTING DEPTH			
Maximum in mm	60	35/52	50
Slider with electronic end-of-cut stop		✓	
SAMPLE HOLDER			
Slotted table	✓	✓	
Micrometric table	option	✓	✓
30mm diameter with 5 ceramic plates	✓	✓	✓
30mm diameter 90° with 5 ceramic plates	option	option	option
Turning deck		✓	
LUBRIFICATION			
Dampening device	✓	✓	✓
WARRANTY			
12 months (excluding wear parts)	✓	✓	✓

CONSUMABLES

REF.	DESCRIPTIF	Ø	GRIT
52100	Standard wire - 120m	Ø 0.3mm	60µ
52101	Standard wire - 120m	Ø 0.3mm	40µ
52102	Standard wire - 120m	Ø 0.22mm	40µ
52103	Standard wire - 120m	Ø 0.17mm	30µ
52104	Standard wire - 120m	Ø 0.17mm	20µ
52105	Standard wire - 120m	Ø 0.13mm	30µ
52106	Standard wire - 120m	Ø 0.13mm	20µ
52107	Standard wire - 120m	Ø 0.1mm	20µ
52200	Standard wire - 30m	Ø 0.3mm	60µ
52201	Standard wire - 30m	Ø 0.3mm	40µ
52202	Standard wire - 30m	Ø 0.22mm	40µ
52203	Standard wire - 30m	Ø 0.17mm	30µ
52204	Standard wire - 30m	Ø 0.17mm	20µ
52205	Standard wire - 30m	Ø 0.13mm	30µ
52206	Standard wire - 30m	Ø 0.13mm	20µ
52207	Standard wire - 30m	Ø 0.1mm	20µ
52293	Wire refill - 10m	Ø 0.3mm	60µ
52294	Wire refill - 10m	Ø 0.3mm	40µ
52295	Wire refill - 10m	Ø 0.22mm	40µ
52296	Wire refill - 10m	Ø 0.17mm	30µ
52297	Wire refill - 10m	Ø 0.17mm	20µ
52298	Wire refill - 10m	Ø 0.13mm	30µ
52299	Wire refill - 10m	Ø 0.13mm	20µ
52300	Wire refill - 10m	Ø 0.1mm	20µ
52301	33 type winder		



ACCESSORIES



All Mecatome T202 specimen holders are suitable for all our diamond wire saws.

See DIAMOND WIRE SAWS
video link

