

CUTTING

DIAMOND WIRE SAWS

ABSOLUTE CUTTING FINESSE AND PRECISION

REF. 52020

With their stainless steel wire set with diamonds, the diamond wire saws allow the cutting of most materials.

They are particularly recommended for cutting delicate samples such as silicon, glass or electronic components.

Low speeds allow excellent protection for the sample surface and no risk of overheating.

They ensure flat cutting surfaces with sharp edges and avoid the modification of structure on both sides of the cut.

Finally the sample clamping system avoids any dimensional deformation and the horizontal or vertical working mode makes cutting easier.



CE

SAW 4500
REF. 52040



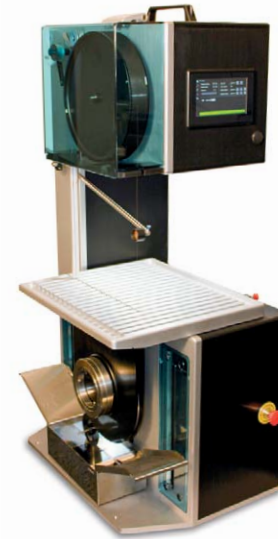
860mm



85kg



L: 590mm
l: 480mm



CE

SAW 6500
REF. 52050



1 200mm



105kg



L: 650mm
l: 480mm



CE

SAW 3400
REF. 52030



310mm



11,3kg



L: 450mm
l: 290mm



CE

SAW 3500 BASE
REF. 52010



460mm



13,8kg



L: 410mm
l: 345mm



CE

SAW 3500 PREMIUM
REF. 52020



460mm



13,8kg



L: 410mm
l: 345mm

Check the DIAMOND WIRE SAWS
video



CHARACTERISTICS

	3500	3500 PREMIUM	3400
POWER SUPPLY - CONTROL			
Voltage 230V, 50-60Hz	✓	✓	✓
Access code	✓	✓	✓
Main 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.	DESCRIPTION	Ø	GRANULOMETRY
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

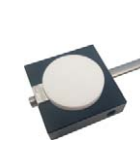


33 type winder
Ref. 52301

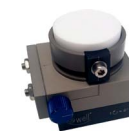


Stainless steel axis for sample holder support
Ref. 52305

ACCESSORIES



Sample holder
Ref. 52307



Turning deck
Ref. 52308



X-Y table
Ref. 52309



Micrometric table
Ref. 52310



Dual Vice
Ref. 52311



Goniometer
Ref. 52312



Cutting fluid
Ref. 52302 500 ml
Ref. 52304 5 L



Set of 5 ceramic plates
Ref. 52303



Drum
Ref. 52306

All the sample holders of the Mecatome T205 are adaptable on all our wire saws.