

DIAMOND WIRE SAWS

FINE CUTTING AND ABSOLUTE PRECISION

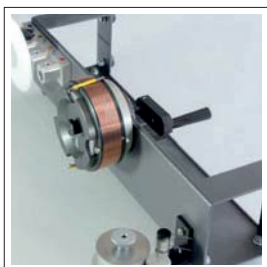
Ref. 52020

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.



3500 PREMIUM SAW

↑ 460mm ⚖ 13.8kg

↔ L: 410mm CE
W: 345mm



3500 BASE SAW Ref. 52010

↑ 460mm ⚖ 13.8kg

↔ L: 410mm / W: 345mm CE



3400 SAW Ref. 52030

↑ 310mm ⚖ 11.3kg

↔ L: 450mm / W: 290mm CE

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)	✓	✓	✓
Wi-Fi (possibility of remote machine control in dangerous or difficult environments)	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	option	✓	✓
30mm diameter 90° with 5 ceramic plates	✓	✓	✓
Turning deck		✓	
LUBRIFICATION			
Dampening device	✓	✓	✓
WARRANTY			
12 months (excluding wear parts)	✓	✓	✓

CONSUMABLES

RÉF.	DESIGNATION	Ø
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



OTHER ACCESSORIES

Dual vice 12mm

Goniometer

Stereoscopic microscope 40 x for 3500 Premium and 3400

Round vice 12-32mm diameter

Dynamometer

See DIAMOND WIRE SAWS video link

