



		Tegramin-20
Capacity	Individual specimens	Diameter: 4 x 40 mm
	Specimen holder	N/A
Disc	Diameter	200 mm (8")
	Rotational speed	40 - 600 rpm, variable in steps of 10 rpm
	Rotational direction	Counter-clockwise
	Motor power	–
	- Continuous (S1)	370 W (0.5 hp)
	- Maximum (S3)	500 W (0.75 hp)
Specimen mover head	Individual specimen	–
	- Force	5 - 50 N in steps of 5 N
	- Specimen height	8 - 35 mm (0.31 - 1.37")
	Specimen holder	N/A
	- Force	–
	- Specimens height	–
	Rotational speed	50 - 150 rpm, variable in steps of 10
	Rotational direction	Clockwise / counter-clockwise
	Motor	120 W
	Torque	7.5 N·m (5.6 ft·lbf)
Features	Material removal sensor (built-in)	No
	Methods Included	Struers Metalog Guide methods: 10 Custom made methods: max 200
Options	Automatic dosing, up to 7 pumps	Yes
	Transparent cover	Yes
	Safety cover	No
	Recirculation cooling system	Cooling System 3
Software and electronics	Controls	Touch pad, Turn/push knob
	Display	LCD, TFT-color 5.7", 320 x 240 dots with LED back light
Safety standards	CE-labeled according to EU directives	
REACH	For information about REACH, contact your local Struers office.	

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Operating environment	Surrounding temperature	5 - 40°C (41 - 104°F)
	Humidity	35 - 85 % RH non-condensing
Power supply	Voltage/frequency	200 - 240 V (50 - 60 Hz)
	Power, inlet	1-phase (N+L1+PE) or 2-phase (L1+L2+PE) The electrical installation must comply with Installation Category II
	Power, nominal load	680 W
	Power, idle load	9 W
	Current, nominal load	3.4 A
	Current, maximum load	6.3 A
	Current, largest load	1.85 A
	Water supply	Pressure, tap water
Flow, tap water		Min. 1 L/min (0.3 gpm)
Water inlet, connection		Diameter: 3/4"
Water outlet, connection		Diameter: 30 mm (1 1/4")
Air supply	Pressure, compressed air	6 - 9.9 bar (87 - 143 psi)
	Flow, compressed air	Min. 3.5 L/min (0.9 gpm)
	Air quality, compressed air	The air supplied must be of Class 5.6.4. or better, as specified in ISO 8573-1
	Air inlet, compressed air, connection	Diameter: 6 mm (1/4")
Exhaust (with cover only)	Connection	Diameter: 50 mm (2")
	Recommended capacity	50 m ³ /h (1750 ft ³ /h) at 0 mm water gauge
Safety Circuit Categories/Performance Level	Emergency stop	Stop category 0, EN60204-1 PL c, Category 1, EN13849-1
	Cover	Software control only. Not safety rated.
	Safety cover	N/A
Residual Current Circuit Breaker (RCCB)		Type A, 30 mA (or better) is required
Noise level	A-weighted sound emission pressure level at workstations	LpA = 66 dB(A) (measured value). Uncertainty K = 4 dB(A) Measurements made in accordance with EN ISO 11202
Vibration level	Declared vibration emission	Total vibration exposure to upper parts of the body does not exceed 2.5 m/s ² .



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Dimensions and weight (without cover)	Height	48 cm (18.9")
	Width	60 cm (23.6")
	Depth	65 cm (25.6")
	Weight	52.5 kg (116 lbs)
Dimensions and weight (with cover / safety cover)	Height - cover closed / cover open	50 cm (19.7") / 85 cm (33.5")
	Width	60 cm (23.6")
	Depth	65 cm (25.6")
	Weight	58 kg (128 lbs)