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Technical data

SUBJECT	SPECIFICATION
Mounting unit	
Mounting dia.	25, 30, 40, 50 mm, 1¼", 1½"
Mounting press	
Mounting parameters	
Pressure	50-350 bar / 725-5076 psi in steps of 25 bar / 363 psi
Heating time	1-15 min in steps of 0.5 min
Heating temperature	120-150-180°C / 248-302-356°F
Cooling time	1-15 min in steps of 0.5 min
Cooling rate	High: Full flow Medium: 20% of full flow Low: 3% of full flow
Software and electronics	
Controls	Touch pads
LCD display with white	
LED backlight	160x240 dots
Noise levels	
Idle	0 dB (A)
Max.	63 dB(A)
Working environment	
Temperature, operational	5-40°C / 41-104°F
Humidity, non-condensing	0-95% RH
Supply	
Voltage / frequency	100-120V / 50-60Hz, 200-240V / 50-60Hz Auto detection and auto switch over
Power inlet (IEC320-C13)	1-phase (N+L+PE) or 2-phase (L1+L2+PE) <i>The electrical installation must comply with "Installation Category II"</i>
Power, idle	8W
Power, max.	1300W@100-120V / 1300W@200-240V
Current, max.	13A@100-120V / 5.6A@200-240V
Water pressure (tap water)	1-10 bar / 14.5-145 psi
Water inlet	10 mm / ¾"
Water outlet	ø13 mm
Dimensions and weight	
Width	480 mm / 19"
Depth	560 mm / 22"
Height	440 mm / 17½"
Weight	34 kg / 75 lbs

Struers' equipment is in conformity with the provisions of the applicable International Directives and their apurtenant Standards. (Please contact your local supplier for details)

Struers' products are subject to constant product development. Therefore, we reserve the right to introduce changes in our products without notice

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SPECIFICATIONS	Cat. no.
CitoPress-30 Advanced, electro-hydraulic hot mounting press with two cylinders, which can be used individually. Built-in Hot Mounting Application Guide with automatic conversion of method parameters. Mounting units are ordered separately. Optional dosing unit CitoDoser and Base Unit (05796101+ 05796102), recirculation Cooling system 7 (05767XXX), Database (05736900) and Sensitive mode (05736901).	05746127
CitoPress-15 Advanced, electro-hydraulic hot mounting press with one cylinder. Built-in Hot Mounting Application Guide with automatic conversion of method parameters. Mounting units are ordered separately. Optional dosing unit CitoDoser and Base Unit (05796101+05796102), recirculation Cooling system 7 (05767XXX), Database (05736900) and Sensitive mode (05736901).	05736127
Mounting units Consisting of heating/cooling unit, lower ram and top closure with upper ram. Rams with anti-stick coating, upper ram with waistline.	
Cylinder diameter 1½"	05788127
Cylinder diameter 1¼"	05788227
Cylinder diameter 25 mm	05788327
Cylinder diameter 30 mm	05788427
Cylinder diameter 40 mm	05788527
Cylinder diameter 50 mm	05788627
Chamfered ram Lower, chamfered ram. To prevent sharp edge on mounted sample.	
Cylinder diameter 25 mm	05786900
Cylinder diameter 30 mm	05786901
Cylinder diameter 1 ¼"	05786902
Cylinder diameter 1 ½"	05786903
Cylinder diameter 40 mm	05786904
Cylinder diameter 50 mm	05786905
CitoDoser Semi-automatic dosing unit with electronic ID-tag for automatic recognition by hot mounting press. Requires CitoDoser Base (05796102).	05796101
CitoDoser Base Unit Base unit for use with CitoDoser (05796101).	05796102
CitoPress Database Database option. Store up to 15 mounting methods	05736900
CitoPress Sensitive Sensitive option. Dual phase heating and pressure for fragile/porous specimens.	05736901
Cooling System 7 With 50 l tank (05766906), small pump (05766xxx), Cooli-1 (05761116) and lid for cooling unit (05766925).	See separate brochure
Cooling System 5 With 100 l tank (05766905), small pump (05766xxx), Cooli-1 (05761116) filter bag (05766928) and adapter plate (05766927)	See separate brochure
Accessories HandyDoser	05736902

TECHNICAL DATA	
SUBJECT	SPECIFICATION
Mounting unit	
Mounting dia.	25, 30, 40, 50 mm, 1¼", 1½"
No. of mounting units	CitoPress-15: 1 CitoPress-30: 2
Mounting press	
Mounting parameters	
Pressure	50-350 bar / 725-5076 psi in steps of 25 bar / 363 psi
Heating time	1-15 min in steps of 0.5 min
Heating temperature	80-180°C /176-356°F in steps of 5°C / 9°F
Cooling time	1-15 min in steps of 0.5 min
Cooling rate	High: Full flow Medium: 20% of full flow Low: 3% of full flow
Dosing rate (with optional CitoDoser)	20-150%
Software and electronics	
LCD display with white LED backlight	320 x 240 dots
Noise levels	
Idle	0 dB (A)
Max.	56 dB(A)
Working environment	
Temperature, operational	5-40°C / 41-104°F
Humidity, non-condensing	0-95% RH
Supply	
Voltage / frequency	100-240V / 50-60 Hz Auto detection and auto switch over 1-phase (N+L+PE) or 2-phase (L1+L2+PE) The electrical installation must comply with "Installation Category II"
Power inlet (IEC320-C13)	8W CitoPress-15: 1300W@100-120V 1300W@200-240V CitoPress-30: 1300W@100-120V 2300W@200-240V
Power, idle	
Power, max.	
Current, max.	CitoPress-15: 13A@100-120V 5.6A@200-240V CitoPress-30: 13A@100-120V 10A@200-240V
Water pressure	1-10 bar / 14.5-145 psi
Water inlet	¾"
Water outlet	ø13 mm
Dimensions and weight	
Width	CitoPress-15: 480 mm / 19" CitoPress-30: 550 mm / 21½"
Depth	560 mm / 22"
Height	450 mm / 17,7" (excl. CitoDoser) 550 mm / 21½" (incl. CitoDoser)
Weight	CitoPress-15: 34 kg / 75 lbs CitoPress-30: 48 kg / 106 lbs CitoDoser: 3.1 kg / 7 lbs

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