

## TECHNICAL DATA

General technical data are stated in the brochures for the corresponding standard versions of the equipment.

## SPECIFICATIONS

### Secotom-10 for Hot Cell

Tabletop, precision cut-off machine with movable cutting table and variable speed. Automatic feeding with electronic control of feed speed. Motorised positioning system and digital read-out. Complete with control box with electric parts and controls for rack mounting outside the hot cell, recirculation cooling unit, flange set 65 mm dia. Cut-off wheels, specimen holders, additive for cooling fluid and clamping tools are ordered separately. Length of supply cable is 8 m; if other length is wanted, specify when ordering.  
1/3 x 200-240 V / 50-60 Hz.

Cat. no:

05036327

### Minitom for Hot Cell

Low-speed precision cut-off machine. Complete with control box with electric parts and controls for rack mounting outside the hot cell, universal specimen holder (04436901) and flange set 65 mm dia. as well as 42 mm dia. Cut-off wheels and cutting fluid are ordered separately. Length of supply cable is 8 m; if other length is wanted, specify when ordering.  
1 x 100-240 V / 50-60 Hz.

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### CitoPress-1 for Hot Cell

Automatic, electro-hydraulic hot mounting press for one cylinder. Complete with control box with electric parts and controls for rack mounting outside the hot cell. Cooling by water or compressed air. Mounting units are ordered separately. Length of supply cable is 8 m; if other length is wanted, specify when ordering.  
1 x 100-240 V / 50-60 Hz.

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### Mounting Unit for Hot Cell

Consisting of heating/cooling unit, lower ram and top closure with upper ram. For CitoPress-1 for Hot Cell.  
Cyl. dia. 25 mm. 1 x 100-240 V / 50-60 Hz.  
Cyl. dia. 30 mm. 1 x 100-240 V / 50-60 Hz.  
Cyl. dia. 1 1/4". 1 x 100-240 V / 50-60 Hz.  
Cyl. dia. 1 1/2". 1 x 100-240 V / 50-60 Hz.  
Cyl. dia. 40 mm. 1 x 100-240 V / 50-60 Hz.  
Cyl. dia. 50 mm. 1 x 100-240 V / 50-60 Hz.

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### TegraPol-15 for Hot Cell

Grinding/polishing machine with variable speed (40-600 rpm in steps of 10 rpm). For disc 200 mm (8") dia. 370 W motor. Complete with control box with electric parts and controls for rack mounting outside the hot cell. Discs are ordered separately. Length of supply cable is 8 m; if other length is wanted, specify when ordering.  
1/3 x 200-240 V / 50-60 Hz.

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### TegraForce-1 for Hot Cell

Automatic specimen mover with variable speed (50-150 rpm in steps of 10 rpm). For fine grinding and polishing of 1-3 single specimens or grinding and polishing of 3 specimens fixed in a specimen holder. Dosing unit, specimen mover plates and specimen holders are ordered separately. Length of tube for compressed air is 8 m; if other length is wanted, specify when ordering.

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### TegraDoser-5 for Hot Cell

Dosing unit and database for preparation methods. With peristaltic pumps. For automatic dosing of diamond suspensions and lubricants. Can be used for supply of water. TegraDoser-5 for hot cell is placed outside the hot cell. The nozzle block is mounted on TegraForce-1 for hot cell. The peristaltic pumps cannot reverse. The built-in database contains the 10 Metalog Guide methods and has a capacity for additional 190 user-defined preparation methods. With the optional Struers LAN module, TegraDoser-5 for hot cell can be connected to and controlled from the Local Area Network or a stand alone PC. Length of tubes is 8 m; if other lengths are wanted, specify when ordering. With 6 pumps for diamond suspensions or lubricants and 1 pump for water.

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## Warranty

*Not knowing the environment in the hot cell, we shall not be able to guarantee the operation of the parts in the hot cell, but of course the parts placed outside.*

## CE approval

*The equipment is designed to be operated by manipulator in a closed compartment only. The hot cell versions are not CE approved, and they are not allowed for operation in an open laboratory. Struers refer to the CE approvals for the corresponding standard products.*

*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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