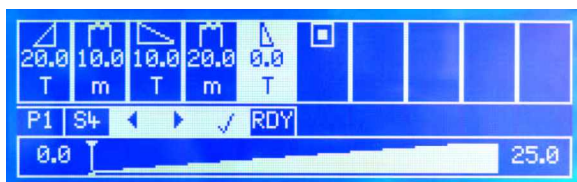


Auto Hydraulic Presses 8 & 25 tons

The Atlas™ series of presses are designed for IR and XRF laboratory sample preparation and are compatible with a variety of sample preparation accessories including dies and heated platens. The microprocessor control allows up to 6 user defined operation cycles each with up to 10 segments. Programming is carried out using the high contrast LCD screen which graphically displays each program segment in turn via intuitive symbols and prompts.

Product Features

- ✗ microprocessor controlled
- ✗ intuitive user interface
- ✗ large high contrast display
- ✗ multi-sequence programming
- ✗ 6 user defined operation cycles
- ✗ standard safety features
- ✗ CE marked



Programming options include applying loads in continuous or stepped increments, variable hold times and selectable release rates.

Display options also include user selectable languages (English, German and French), load units (Tons, Tonnes and US Tons) and audible alarms.

The compact design allows for a small footprint without compromising the generous working daylight of up to 155mm and maximum sample diameter of 200mm. The presses have integral safety lock switches, are supplied with polycarbonate safety shields and are fully CE marked to comply with strict European regulations all included as standard.

SOCACHIM - XRF SCIENTIFIC

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■ Auto Hydraulic Presses 8 & 25 tons

Specifications

Max. Load on Ram (Piston) T8:	8 Tons
Max. Load on Ram (Piston) T25:	25 Tons
Load Range (0.2 Ton increments) T8:	1- 8 Ton
Load Range (0.5 Ton increments) T25:	3 – 25 Ton
Top Bolster Diameter	32mm
Top Lead Screw Vertical travel	90mm
Ram (Piston) Bolster Diameter	83mm
Ram (Piston) Stroke	24mm
Max/Min Dist. between Pressing Faces	155mm – 40mm
Sample Area (Diameter x Height)	220mm Dia x 155mm
Base Footprint (Width x Depth)	425mm x 405mm
Height (without lead screw)	500mm
Height	545mm – 640mm
Weight	95kg
Display Units	Tons, Tonnes, US Tons
Hold Times	0.1 to 99 minutes and infinity
Optimized Release Rates	Fast, Medium, Slow
Stored Programs	6
Maximum Program Segments	10
Fully CE marked	
Integral high clarity PETG safety guards	
Multi-lingual display options - English, French, German	
Graphics display with LED backlight control	



Options

Atlas Series lightweight dies – a series of lightweight large diameter dies for use in XRF sample preparation. Designed to operate at a maximum load of 25 tons, these dies weigh approximately 50% less than traditional units.

Atlas Heated Platens – electrically heated platens with adjustable temperature control from ambient to 300° C. (Note: Specac Constant Thickness Film Makers are not compatible with the Atlas presses)

Evacuatable Pellet Die Complete 5, 10, 13, 20, 32 or 40mm dia.

We provide a wide range of 440C hardened stainless steel Evacuatable Pellet Dies, used for compacting powdered samples into disks or briquettes.



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