

Press Family

Atlas™ Autotouch Press

The Atlas™ Autotouch Presses 8T, 15T, 25T & 40T are programmable, microprocessor controlled, power assisted hydraulic presses, operating to apply a maximum of 8, 15, 25 & 40 Ton loads respectively.

They have been designed to handle a wide variety of pressing applications, including XRF and IR sample preparation. All presses are fully compatible with Specac dies and other sample preparation accessories. They enable the controlled application and release of an applied load, accommodating samples up to 200mm in diameter. The applied load can be maintained indefinitely, or to a specific time via user programmable functionality.

The colour touch screen display shows the press programme status and load conditions providing a digital display of load applied, together with an end of cycle alarm / indicator.

The power unit is extremely quiet and operates below 62dB. Fitted with PETG safety guards as standard, the Atlas™ Autotouch Presses are fully CE marked to comply with strict European regulations.

The Atlas™ Auto Presses have a generous working distance of up to 155mm between the pressing faces and are suitable for the preparation of KBr discs for infrared analysis using Specac evacuable dies. They can also be used with the Atlas™ Heated Platens for applications including the preparation of thin polymer film substrates (Excluding the 40 Ton version).

The Atlas™ Autotouch Presses are simple to use and program via the use of the touch screen symbols and prompts. Options include user selectable languages and load limits. The Presses durability are ideal for applications such as x-ray fluorescence sample preparation using Atlas™ Series Lightweight Dies.



Key Features

- Colour touch screen control with LED backlight control
- Programmable Microprocessor controlled pressure application and release
- Simple user operation procedures via symbols and prompts
- Maintain load applied from an automatic "top up"
- Fully CE Marked
- End of cycle alarm or indication
- Multi-lingual display option (English, French, German Spanish & Italian)
- Integral high clarity PETG safety guards
- Fully compatible with all Specac sample preparation accessories

Illustrations, descriptions and specifications in this datasheet were correct at the time of going to press. However, Specac's policy is one of continuous product development and we reserve the right to change descriptions and specifications at any time.

For the latest details please contact your local Specac office or representative.

Press Family

Atlas™ Autotouch Press

Specifications

	8T	15T	25T	40T
Max Piston Load	8 Tons	15 Tons	25 Tons	40 Tons
Digital Display	1-8 Tons	2-15 Tons	3-25 Tons	4-40 Tons
Min Load Step	0.2 Tons	0.2 Tons	0.5 Tons	0.5 Tons
Top Bolster Diameter			32mm	
Top Lead Screw Vertical Travel			90mm	
			*80mm	
Ram (Piston) Bolster Diameter			82mm	
Ram (Piston) Stroke			24mm	
			*38mm	
Max/Min Pressing Face Dist.		155 - 40mm		
		*155 - 60mm		
Sample Area (Dia x H)		220 x 155mm		
		*240 x 155mm		
Base Footprint (W x D)		425 x 405mm		
		*430 x 405mm		
Height (without lead screw)		500mm		
		*550mm		
Height		545 - 640mm		
		*580 - 660mm		
Oil Type		Tellus 37		
Oil Reservoir Capacity		1.0 litre		
Weight		95Kg		
		*130Kg		
Communications Type		USB		
Display Units		Tons, Tonnes, US Tons, Kgf, KNewtons		
Hold Times		0.1 - 99 mins & infinity		
Optimised Release Rates		Fast, Medium, Slow		
Stored Programs		6		
Maximum Program Segments		10		

*40T Version Specification

Ordering Information

8T

GS25800	Atlas Autotouch 8T Press (UK/Europe 230v 50Hz)
GS25801	Atlas Autotouch 8T Press (USA 110v 60Hz)
GS25802	Atlas Autotouch 8T Press (Japan 100v 50/60Hz)
GS25803	Atlas Autotouch 8T Press (China 230v 50Hz)
GS25804	Atlas Autotouch 8T Press (Korea 230v 60Hz)

15T

GS25810	Atlas Autotouch 15T Press (UK/Europe 230v 50Hz)
GS25811	Atlas Autotouch 15T Press (USA 110v 60Hz)
GS25812	Atlas Autotouch 15T Press (Japan 100v 50/60Hz)
GS25813	Atlas Autotouch 15T Press (China 230v 50Hz)
GS25814	Atlas Autotouch 15T Press (Korea 230v 60Hz)

25T

GS25820	Atlas Autotouch 25T Press (UK/Europe 230v 50Hz)
GS25821	Atlas Autotouch 25T Press (USA 110v 60Hz)
GS25822	Atlas Autotouch 25T Press (Japan 100v 50/60Hz)
GS25823	Atlas Autotouch 25T Press (China 230v 50Hz)
GS25824	Atlas Autotouch 25T Press (Korea 230v 60Hz)

40T

GS25830	Atlas Autotouch 40T Press (UK/Europe 230v 50Hz)
GS25831	Atlas Autotouch 40T Press (USA 110v 60Hz)
GS25832	Atlas Autotouch 40T Press (Japan 100v 50/60Hz)
GS25833	Atlas Autotouch 40T Press (China 230v 50Hz)
GS25834	Atlas Autotouch 40T Press (Korea 230v 60Hz)

SPECAC LTD.,
River House 97 Cray Avenue, Orpington,
Kent. BR5 4HE UK
T: +44 (0) 1689 873134 F: +44 (0) 1689 878527
E: sales@specac.co.uk Registered in England No. 1008689

SPECAC INC.,
301 Berkeley Drive, Swedesboro, NJ 08085 USA
T: Toll Free +1 800 447 2558
E: sales@specac.com W: www.specac.com
Specac is part of Smiths Group plc

MD 24 - 11/14