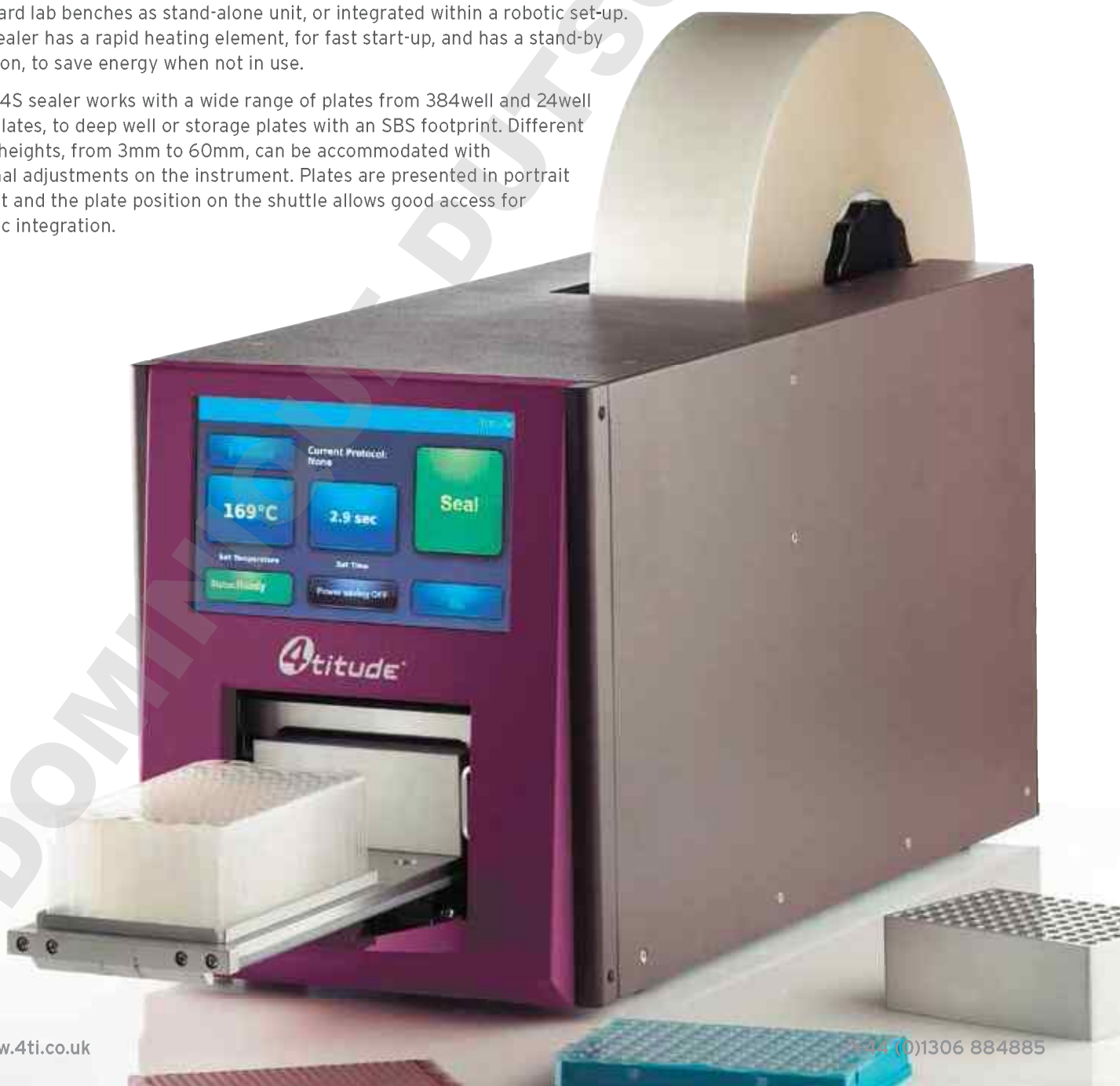


Automatic Heat Sealer A4S

The A4S automatic heat sealer completes our heat sealing range by providing the perfect solution for automated heat sealing of medium to high-throughput or full automation applications.

Crucially the A4S does not require an air supply allowing for flexible use on standard lab benches as stand-alone unit, or integrated within a robotic set-up. The sealer has a rapid heating element, for fast start-up, and has a stand-by function, to save energy when not in use.

The A4S sealer works with a wide range of plates from 384well and 24well PCR plates, to deep well or storage plates with an SBS footprint. Different plate heights, from 3mm to 60mm, can be accommodated with minimal adjustments on the instrument. Plates are presented in portrait format and the plate position on the shuttle allows good access for robotic integration.





Standard size, 78mm width rolls, can be loaded in either of two roll positions depending on roll length and available space enabling the entire instrument to fit under the gantree of many liquid handling robots.

The A4S doesn't produce any sealing material waste. The roll width covers an SBS footprint microplate and the seal is cut at the end of the plate leaving only minimal overhangs to allow for easy removal of the seal, but not interfering with plate stacking.

For our range of sealing materials see page 66 to 72. Sample rolls are available on request.

Code	Description	Quantity
4ti-0665	A4S Automatic Sealer	1



The modern user interface has a colour touchscreen, intuitive controls and can save individual sealing protocols for future use.

Feature:

- No air supply needed
- Colour-Touch-screen/ Instuitive user interface
- Saved sealing protocols
- Auto stand-by function to save energy
- Compatible with a wide range of the plate types, including 1536well PCR plates
- Rapid heating element for fast start-up
- Optional cover
- 2 roll positions depending on available space and roll size
- Sealing cycle time of less than 15sec
- Up to 5000 seals without manual intervention

Technical Specification

Weight: 25 kg
 Voltage: 110/230V
 Maximum power consumption: 750W
 Power saving mode: less than 20W
 Sealing Temp: 120-200C
 Sealing Time: 0-10sec
 Connection: RS-232 serial port