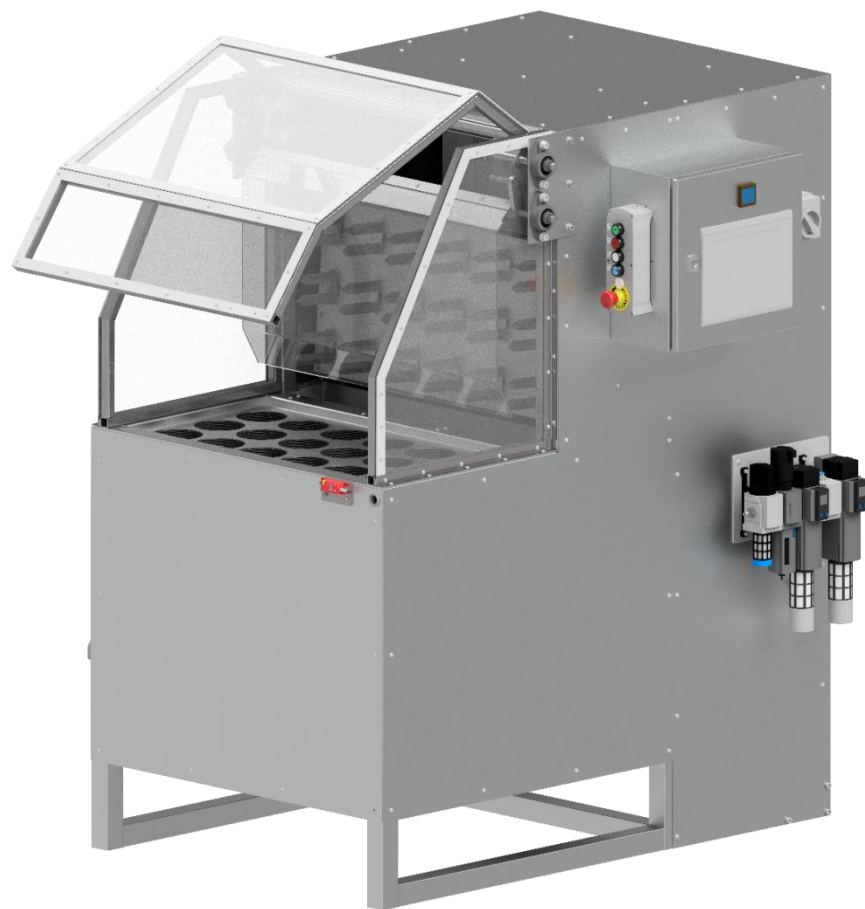


Fleece Measurement Scour

by AWTALtd.





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The Fleece Measurement Scour SAFS1820

The Fleece Measurement Scour SAFS1820 is specifically designed for scouring fleece wool samples extracted from the midside of sheep, weighing between 18 and 22 grams. Capable of processing up to 18 samples per wash, the scouring process effectively eliminates impurities such as dirt, suint (sweat salts), and grease. Notably, the scouring process does not entirely remove most vegetable matter, allowing for the determination of both Wool Base and Vegetable Matter base from the sample.

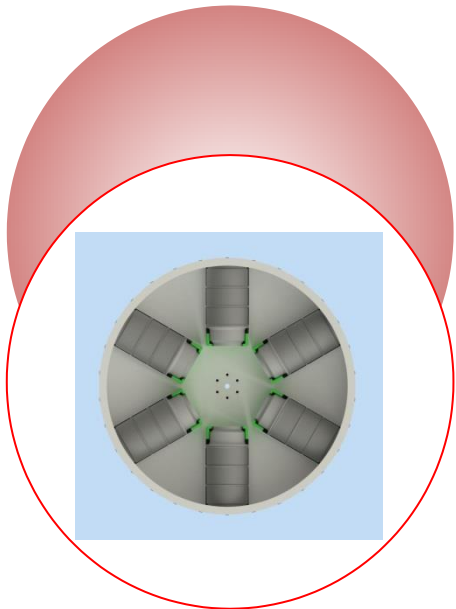
This efficient machine manages both the washing and rinsing of wool samples, requiring only one operator for loading and unloading. It features eighteen perforated sample bowls, each equipped with a specially designed agitator and a sample sieve. Additionally, a single spray gun with a flexible connection is included for rinsing the bowls after a cycle. The system incorporates a built-in detergent and antifoam agitation and injection system, seamlessly adding detergent to the hot water cycle.

Once the process is complete, the scoured wool sample is removed from the Fleece Measurement Scour SAFS1820, stacked with the Centrifuge Adaptor, and then spun in the Centrifuge 1500C or an equivalent machine to eliminate excess water.



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The Fleece Measurement Scour SAFS1820 not only streamlines the washing and rinsing of samples but also ensures efficiency, precision, and consistent results. This automation significantly contributes to the overall effectiveness and reliability of laboratory workflows.



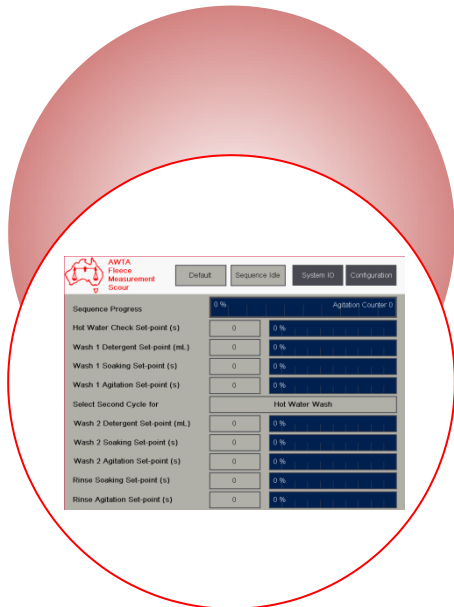
Centrifuge Adaptor

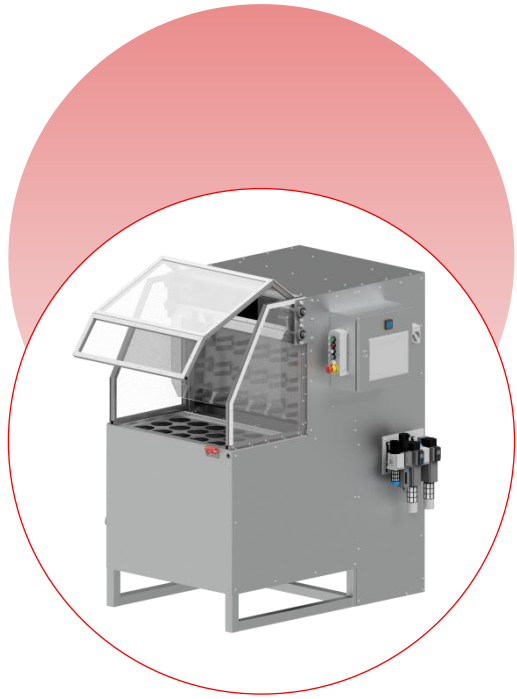
A specialised adaptor has been designed and can be optioned to seamlessly integrate with the Fleece Measurement Scour sample sieves and the AWTA Centrifuge 1500C. This guarantees the efficient removal of any excess water before the drying process, eliminating the necessity for modifications to the centrifuge.

User Interface

The Human Machine Interface (HMI) add-on touch screen enables users to interact with the Fleece Measurement Scour, allowing them to execute various test methods and procedures as needed. The HMI can also be configured to support multiple languages as an option.

The HMI is a user-friendly interface with a responsive touch display, allowing easy control and monitoring. It includes features such as real-time cycle progress tracking, the ability to configure cycle details, and maintenance assistance, ensuring both efficiency and convenience in operation.





Fleece Measurement Scour

Model: SAFS1820

Technical Information

The AFTA Fleece Measurement Scour SAFS1820 is designed to wash eighteen greasy midside fleece samples, of between 18 and 22 grams at a time.

The Fleece Measurement Scour SAFS1820 offers the flexibility to be configured, allowing for the inclusion of international language support and the customisation of cycle sequences to meet the diverse needs of our customers. This adaptability ensures that the equipment can seamlessly integrate into various operational contexts, providing an enhanced and personalised user experience.

Technical Specifications

Power	
Supply Voltage	Single Phase 220-240V AC 50Hz
Rating	1100 W
Pneumatics	Dried and Filtered Compressed Air
Pressure	650 - 750 kPa
Flowrate	24 CFM
Connection hose size	10 mm
Water Supply (Recommended)	
Hot Water	400 kPa 150-170 litre/min @ 75-85 °C
Cold Water	400 kPa 150-170 litre/min
Volume	65 litre per filling cycle
Connection	1 inch
Sample	
No. of Sample	18
Size	20g ± 2g
Environmental Parameters	
Drainage	Effluent treatment capabilities that comply with local regulations
Recommended Accessories (Optional)	
Sample Sieves	AFTA AWT-026
Centifuge Adaptor	N-02-07-09-001
Detergent	HYDRAPOL® BD40
Anti-Foam	Silicon Based Antifoam C
Dimensions and Weight	
Dimensions (WxDxH)	1650mm x 1420mm x 1750mm
Weight (gross)	620 kg
Manufacturer Warranty	1 Year





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