



### STRETCHING SYSTEM

The new SaatiMil stretching system provides a fast method of stretching milling and screening fabrics to their optimum tension. Generally only one clamp per side is required due to the extra long jaw length. This saves on the cost of the system and setup time for stretching screens. Clamps are available in three jaw widths.

The clamps are very reliable and are easy to maintain. Their long 140 mm stroke per clamp provides 280 mm of total stretch in both directions.

The entire body is covered to prevent fingers, clothing, etc. from getting caught in the moving parts.

### TECHNICAL SPECIFICATIONS

Wide-jaw stretching clamp for milling and sifting applications. Single stroke, double effect air cylinder, with Delron guides to minimize friction. Manually operated jaws. Rubber elements for better seizing.

TECHNICAL SPECIFICATIONS			
	TOP 550	TOP 650	TOP 750
Jaw Width	550 mm (21.7")	650 mm (25.6")	750 mm (29.5")
Max Tension	26 N/cm at 7 bar pressure (14.8 lb/in at 100 psi)	22 N/cm 7 bar pressure (12.6 lb/in at 100 psi)	19 N/cm at 7 bar pressure (10.8 lb/in at 100 psi)
Weight	12.9 kg (28.4 lb)	13.4 kg (29.5 lb)	13.9 kg (30.6 lb)
Stroke	140 mm (5.5")		
Length	640 mm (25.2")	Total length	
	480 mm (18.9")	Length from edge of frame	
Height	250 mm (9.8")	Working condition	
	425 mm (16.7")	With open leverage	
	185 mm (7.3")	Height at fabric position	
Structure	ABS / reinforced nylon body, extruded aluminum components		
Frame Support	Adjustable according to frame thickness – modular spacers		
Colors	Blue / grey		
Control Panel	Stretch/return selector; regulator; pressure gauge		
Air Supply	Compressed air, 100 psi max (7 bar) Two 6 x 4 mm, 3 m long (10') tubes, for each clamp quick connectors on both clamp and control panel		



**COTTON CLEANER GREEN STRIPE**

First quality cotton cleaner with a hard surface thanks to a dense weaving. Strong quality of the threads used to increase the endurance of the material and life of the cleaner



**COTTON CLEANER BLUE STRIPE**

Second quality cotton cleaner having a softer surface as for 15% less threads in weft



**TRIANGULAR TYPE CLEANER WITH BRUSHES AND SOLID METAL SLIDER KNOB**

Designed for all types of sieves stretched with synthetic gauzes



**TRIANGULAR TYPE CLEANER WITH OR WITHOUT PLASTIC STUDS AND SOLID METAL SLIDER KNOB**

Designed for all meshes from 200 microns upwards



**STAR CLEANER WITH BRUSHES AND SOLID METAL SLIDER KNOB**

For all types of sieves stretched with synthetic gauzes



**STAR CLEANER WITH PLASTIC STUDS AND SOLID METAL SLIDER KNOB**

For all types of gauzes from 200 microns upwards



**DIAMOND PLASTIC BOTTOM CLEANER - ROUND OR DIAMOND HOLLOW**

High elasticity of the material which guarantees an effective cleaning without damaging the sieves frames





SaatiChem Adhesives

ULTRAFIX PRODUCT MESH COUNT RANGE	
Ultrafix SB1	6 – 71 th/cm
Ultrafix SB2	71 – 200 th/cm

## ULTRAFIX SB1 AND SB2

Ultrafix SB1 and Ultrafix SB2 are two-component polyurethane adhesives designed for mounting screen mesh onto aluminium, steel, iron, plastic-coated and wood frames. They provide an extraordinary initial adhesion thus allowing screens to be removed from the stretching system only few minutes after gluing. Further more they have a superior resistance to solvents, heat and automatic cleaning machines.

Ultrafix SB1 is a clear, high viscosity adhesive for all fabrics' mesh counts.

Ultrafix SB2 is a blue, low viscosity adhesive for medium to fine fabrics' mesh counts

Ultrafix SB1 and SB2 are available in 750-gram and in 4.5 and 10 kilograms containers

## ULTRAFIX REMOVER

Ultrafix Remover is a convenient gel which removes Ultrafix adhesives. This gel is effective on urethane-based and cyanoacrylate adhesives.

Ultrafix Remover is available in quart and 1-gallon containers



Newman ST-Meter 1-E



Newman ST-Meter 2-E

### NEWMAN ST-METER™ 1-E AND 2-E

Newman ST-Meter is a uniquely constructed, heavy-duty mechanical tension meter that assures durability and long-term accuracy in monitoring screen tension. It is the only meter in the world with all stainless steel hardened gears, shock-proof industrial grade internal gear movement and all jeweled sapphire bearings.

A screen tension meter of exceptional quality, it will last longer and produce consistent readings every time. (All other mechanical meters have non-compound softer brass gears and bushing, greatly reducing their shock-resistance, long-term accuracy and life.) The crystal is shatter-proof and curved to avoid glare. The heavy-duty protective aluminum housing is the most durable meter made anywhere. The modular construction assures easy and inexpensive repairs, if necessary.

The Newman ST-Meter 2-E. The tolerance of the 2-E is  $\pm 2\text{N/cm}$  versus the 1-E, which is  $\pm 1\text{N/cm}$ . The 2-E uses non-jeweled bearings in a similar silver color cast body, but is still certified to ASTM Standards like the 1-E.



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#### FEATURES

- Shock-proof unitized internal gear movement
- Eight sapphire jeweled bearings
- Six compound hardened stainless steel gears
- Also available in kilograms/meter
- Direct reading in N/cm,  $\pm 1\%$  accuracy
- Shatterproof crystal
- Heavy-duty protective aluminum housing
- The only bi-directional screen tension meter manufactured in the United States
- A calibration plate is provided with each meter, and is packaged in a protective carrying case.