

# Sefar Screen Printing Accessories

Stretching clamps, pneumatic control units and measuring devices



## DOWNLOADS

Sefar Screen Printing Accessories (PDF 1168 kb)

SEFAR Tensocheck 200 Brochure (PDF 554 kb)

SEFAR Tensocheck 200 Instruction manual (PDF 2836 kb)

SEFAR Tensocheck 100 Instruction manual (PDF 773 kb)

## Stretching devices

### Enhanced process quality: SEFAR 3A – Stretching clamps



The progressive build-up of the clamping pressure and the lifting function of the SEFAR 3A stretching system enhances its performance by reducing the reject rate. Why? The mesh can't slip out the jaws and eliminates friction between fabric and frame. This means you are able to work with faultless, evenly-stretched screens. Day after day. Another plus point: The SEFAR 3A clamps are suitable for all screen printing mesh – regardless of screen size, materials or thread count. All of this with ease of handling and quick adjustments to the next frame size.

### Product features

- Modular single or dual-circuit pneumatic system
- Progressive build-up of the jaw pressure
- Raising and lowering function of the jaws
- Jaws having widths of 150 and 250 mm

### Customer benefits

- Rapid conversion to different frame formats and no restriction on frame sizes
- No slippage of the mesh from the clamps
- Precise and kind-to-the-mesh stretching process
- Simple and practical operation

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[Go to content](#)

- Stroke length of 75 or 145 mm
- Max. mesh tension of 40 N/cm
- Easy opening and closing of the clamping jaws
- Robust construction
- without excessive force
- Consistent reproduction of high tension values obtainable
- Pre-tensioning of the frame guarantees uniform tension values
- Suitable for synthetic and wire mesh
- Minimum maintenance necessary

**SEFAR 3A / 150**



Jaw width 150 mm  
Stroke length 75 mm

**SEFAR 3A / 250**



Jaw width 250 mm  
Stroke length 75 mm

**SEFAR 3A L/150**



Jaw width 150 mm  
Stroke length 145 mm

**SEFAR 3A L/250**



Jaw width 250 mm  
Stroke length 145 mm

**Stretching process safety: Single and dual-circuit Sefar pneumatic systems**

For pneumatic stretching systems there are two

**SEFAR 51**



The programmable single or dual circuit electronic control unit in combination with SEFAR 3A

possibilities to allocate the air supply: Single or dual-circuit systems – complementary alternatives for optimal, balanced tension for all types of mesh and frame sizes. Single-circuit systems are recommended for frames having side lengths up to 150 cm. For frames having sides longer than 150 cm dual-circuit systems are recommended.

**Product features**

- Available as single or dual circuit system
- Fully automatic tensioning process
- Programmable for up to 50 different multilevel tensioning processes
- Serial interface to SEFAR Tensocheck 100

**Customer benefits**

- Tensioning to precise levels
- Increased productivity and process reliability

**SEFAR 30**

**SEFAR 31**



The simple control unit in combination with SEFAR 3A



Universal, ergonomic and compact control unit in combination with SEFAR 3A

## Measurement devices

### Everything perfectly prepared – SEFAR Tensocheck 200



SEFAR® Tensocheck 200 the electronic gauge for monitoring screen tension. Its outstanding advantages: Its excellent value for money and ease of use. Our upgraded SEFAR Tensocheck 200 offers a range of additional features that are not available in any comparable product on the market.

#### Product features

- High accuracy: Up 29.8 N/cm the resolution is 0.2 N/cm, over that, 0.5 N/cm
- Exact readings in measuring direction
- The highest process reliability and

#### Customer benefits

- Accurate, repeatable and documented screen tension
- User-friendly operation
- Independent monitoring of the zero position using the glass control plate
- Measurement unit selectable by

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- reproducible results
- WiFi connection allows remote control and data transfer
- Rechargeable battery via USB C connection
- High-contrast LCD color display
- press button (N/cm or mm)
- Adjustable automatic shutdown prevents from energy waste
- Long energy supply and easy rechargeable
- Remote control through smartphone or PC via WiFi
- CSV logging of the easurement data through smartphone or PC via WiFi

## Locations



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