Sefar Screen Printing Accessories

Stretching clamps, pneumatic control units and measuring devices

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

Downloads

Sefar Screen Printing Accessories (PDF 410 kb)
SEFAR Tensocheck 100 Instruction manual (PDF 773 kb)
Stroke length of 75 or 145 mm without excessive force
Max. mesh tension of 40 N/cm Consistent reproduction of high
tension values obtainable
Easy opening and closing of the Pre-tensioning of the frame
clamping jaws guarantees uniform tension values
Robust construction Suitable for synthetic and wire mesh

Economic solutions for all frame sizes: SEFAR 2 – Stretching clamps

We provide with SEFAR 2 a strong and economic stretching system. SEFAR 2 makes its mark as a
user-oriented, lightweight and rugged clamp for stretching synthetic mesh on all frame sizes.

### Product features

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<th>Customer benefits</th>
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<td>Modular single or dual-circuit pneumatic system</td>
<td>Economic</td>
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<td>Progressive build-up of the jaw pressure</td>
<td>Time saving adaptation to different frame sizes</td>
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<td>Quickly adaptable to different frame sizes</td>
<td>No slippage of the mesh from the clamps</td>
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<td>Clamping jaws having widths of 150 and 250 mm</td>
<td>Simple and practical operation</td>
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<td>Easy opening and closing of the clamping jaws</td>
<td>Pre-tensioning of the frame guarantees</td>
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<td>Robust construction</td>
<td>Minimum maintenance</td>
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SEFAR 2 / 150         SEFAR 2 / 250         SEFAR 2 L/150       SEFAR 2 L/250
Stretching process safety: Single and dual-circuit Sefar pneumatic systems

SEFAR 51

For pneumatic stretching systems there are two 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

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Go to content
Increased productivity and process reliability

SEFAR 20
The basic control unit in combination with SEFAR 2

SEFAR 30
The simple control unit in combination with SEFAR 3A

SEFAR 31
Universal, ergonomic and compact control unit in combination with SEFAR 3A

Measurement devices

Everything perfectly prepared – SEFAR Tensocheck 100

SEFAR Tensocheck 100 is an electronic gauge for monitoring screen tension. Its outstanding advantages: Its excellent value for money and ease of use without requiring previous experience. SEFAR Tensocheck 100 is also available having a serial port for connection to SEFAR 51i. Your advantage: Fully automatic, precise tensioning at preselected values in N/cm (Existing devices not having an interface are not able to be converted).

Product features
- The clear digital display having 10

Customer benefits
- Because of the large display area,
mm-high lettering is easy to read even from a distance

- High accuracy: Up 29.8 N/cm the resolution is 0.2 N/cm, over that, about 0.5 N/cm
- The highest process reliability and reproducible results
- Overall usability
- User-friendly operation
- Independent monitoring of the zero position using the glass control plate
- Measurement unit selectable by press button (N/cm or mm)
- Automatic shutdown increases battery life
- More accurate values obtainable via the interface to the SEFAR 51 control unit
- Optional with interface to SEFAR 51 control unit

Highest process safety – SEFAR Humicheck

SEFAR Humicheck is a checking device used to measure residual moisture in the screen emulsion. It shows when the stencil is dry enough to be correctly exposed, thus increasing production process reliability.
Product features

- LED indicator light – divided in three color sections (Strip light reading)
- Capacitive sensor on the rear panel
- Automatic shut-down after 2 minutes
- Battery alert

Customer benefits

- Increased process reliability, less downtime due to too-early stencil exposure
- Control is carried out without damage to the coated screen surface
- Easy to use

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