

NEW: ASPI-4 **Automated Spinneret Inspection System**



Automated spinneret inspection with the Projectina ASPI-4 eliminates checking errors, provides an automatic record of all tests and requires only 0,33 second per capillary.

300 % more Efficiency !

New features:

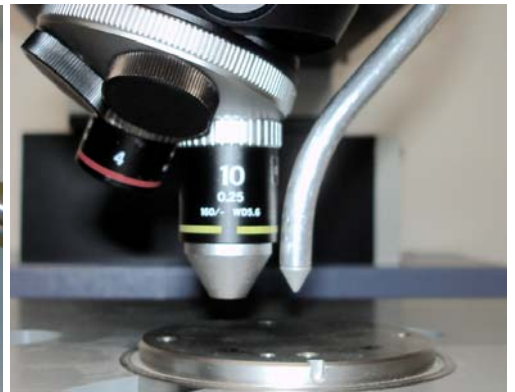
- **Autofocus**
- **Abrasion:** for automated inspection of capillary edges
- **Air purge system**



High precision optics



Modern and easy control



Air purge system

ASPI-4: automated and more efficient !

The innovative Projectina **ASPI-4** system automates the process of checking the cleanness, abrasion and shape of the capillaries. Drive to the single capillary position via a menu-controlled auxiliary program and optical scanning via a high-quality optical system with various magnifications.

The system eliminates operator errors arising from the tedious task of manual/optical inspection. At the same time, all measurements are recorded, thus ensuring uninterrupted documentation and statistics. An optimised checking rate of at least 3 capillary per second guarantees a high throughput.

The ASPI-4 is maintenance and calibration-free, ensuring low operating costs and a rapid return of investment.

Objective 10x for capillaries 0.1 - 0.7 mm

Objective 4x for capillaries 0.7 - 2 mm

Technical Data

- Space required (without PC): 87x82x54 cm (wxdxh)
- Weight: 70 kg
- Scanning range (test area) 400 x 240 mm mechanical stage; with customer-specific spinneret inserts
- Z-axis adjustment: 60 mm
- Optics: 2 interchangeable magnifications; integrated b/w CCD camera; software control of incident/transmitted light
- Control/data recording: PC Pentium (continually updated to state-of-the-art)
- Windows based Software: menu-controlled inspection software; capillary positions entered by joystick, drawing or data import of ASCII files.
- **New** with customized adapter for spinnerets according to customer-specific drawing
- **New** with IEEE 1394a (FireWire) for image capture and system control via USB 2.0 connection
- **New** with air purge system, condense-free, with possibility to connect to standard air pressure ca. 6 bar



Customized spinneret insert

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