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TECHNICAL INFORMATION

the manual "PROMIK" inspection microscope

The manual standard equipment for visual inspection of small quantities. Improved by more than 30 years presence at the market, this inspection microscope is used world wide because of its high stability.

The combination of a profile projector with a binocular microscope, it is possible to inspect the hole, using incident and transmitted light, within one process without changing the spinneret position.



Promik600.jpg

Main unit, with base and x/y stage

base:

- stable welded-steel construction
- integrated transformers for incident and transmitted illumination

x/y stage:

- generous designed 6 mm roll bearings for long lasting durability with no backlash
- smooth running fine adjustment with a knurled knob, coarse movement by untightening a sticking lever.
- 360 x 150 mm movement area

Optical system and illumination

The transmitted illumination for the capillary and the tube for the counter bore can be moved mutually into the path of rays with a swinging slide.

Profile projector for the capillary: 2,5x 25x 40x 75x magnification on the screen with different projection lenses.
24 V 150 W halogène illumination.

Tube for the counter bore: 20x 40x 60x 80x magnification in the binocular by different eye-pieces
Special lens with integrated ring light for the counter bore sink.
6 V / 5 W filament lamp.

Angular fiber optic illumination on the exit side of the spinneret: 24 V 200 W.

technical data

general:

operating temperature:	10°C to 40°C
working temperature:	20 ± 10°C
storage temperature:	-10°C to 60°C
power supply:	120/230 V/ac, 50/60 Hz
CE-conformity:	EU machine guideline 89/392/EWG VBG4 (VDE 0113) and VBG5 (DIN 31001)

"Promik"

width:	1250 mm	X/Y inspection range: 380 x 150 mm
depth:	745 mm	max. spinneret size: Ø 240 or 400 x 240 mm
table- / max. height:	750 / 1400 mm	
weight (net):	120 kg	