

# ZENTES UNITEX GMBH

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## TECHNICAL INFORMATION

### the manual, modular inspection microscope PM4

UHL provides a modular microscope for the inspection of very long rectangular spinnerets.

The microscope consists of 1 m long cassette modules, which are made from cast aluminum and aluminum profile base elements. The modules can be combined up to a length of 6 m.

The counter bore is inspected with the approved special ring light illumination lens. A video microscope tube with a CCD-Camera is used for the capillary.

Both microscopes are hand driven.

The video image of the capillary is shown by a CRT-monitor, moved with the slider.



PM4-6H0V

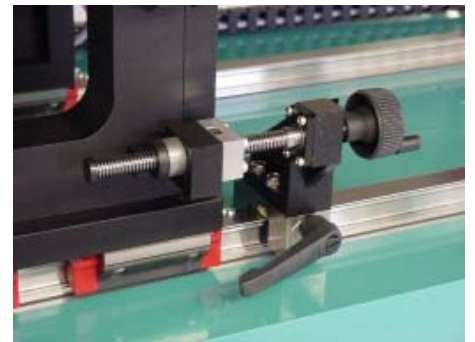
The movement range of a 6 cassette microscope is 3664 x 180 mm.



The spinneret is put on two vertical fixture columns



The traverse axis is built up with two linear bearings and a portal. The axis is fixable by a sticking lever and movable by a hand wheel. A screwed spindle is used for the fine adjustment.



Both microscope tubes can be adjusted vertically by hand wheel, gear belt and screwed spindles.

### 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

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<b>PM4-LGMC manual</b>	VBG4 (VDE 0113) and VBG5 (DIN 31001)	
width:	4680 mm	X/Y inspection range: 3800 x 250 mm
depth:	600 mm	max. spinneret size: 4000 x 300 mm
height:	1600 mm (without monitor)	
weight (net):	500 kg	