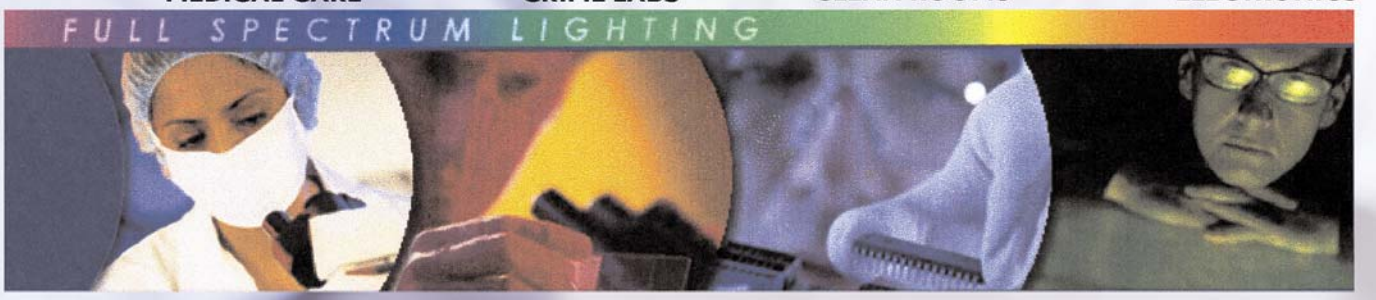
MEDICAL CARE CRIME LABS CLEAN ROOMS ELECTRONICS



Pro-Zoom Binocular Microscope

- **ESD Safe**
- **Stainless Steel Ball Bearing Arm**
- **1.0 - 6.5x Metal Pod**
- **Extra Large Eyepieces (28mm top glass/23mm FOV) for Increased Fields of View, and Operator Comfort**
- **.5x Auxiliary Lens Included (195mm working distance)**
- **Magnification Range of 2.5 - 390x**
- **Increased Magnification with Increased Working Distances**
- **Ergonomic Design for Maximum Comfort, Safety, and Productivity**
- **Rigid Assembly and Inspection Standards**
- **Five Year Limited Warranty**

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Technical Data

TKPZ-SB-LV , Pro-Zoom™ **Binocular Microscope Systems**

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Power Requirement	240V Power Supply for LED-Illumination
Color	Black & Creme
ESD Safe	Yes
Microscope Construction	Cast Aluminium Body with Quality Brass/Nylon Internal Mechanics
Microscope Configuration	1,0X - 6,5X Pod with 45° Eyepieces
Magnification Range	2,5X - 390X (with optional Lenses and Eyepieces)
Eyepieces	Extralarge 28 mm (23 mm FOV) 10 X Eyepieces included
Auxiliary Lenses	0,5X Lens included (others available)
Light Source	LV 2000 High Output LED Ring Light
Bulb Type	No Bulb, ... 12 Point LED Array
Light Intensity	Fully dimmable from 100% to 0%
Replacement Bulb	No Bulb, Repairable/Replaceable LED Arry
Base Style	Type SB, Heavy Duty Base with Double Ball Bearing Arm
Warrenty	5 Years mechanical, 2 Years Electrical

Eyepiece	Objective	Main Body	0.5X Objective	0.7X Objective	1.5X Objective	2.0X Objective
10X	Total Magnification	10X~65X	5X~32.5X	7X~46X	15X~98X	20X~130X
	Diameter of Visual Field (mm)	Φ23~Φ3.5	Φ46~Φ7	Φ32.9~Φ5	Φ15.3~Φ2.3	Φ11.5~Φ1.8
15X	Total Magnification	15X~97.5X	7.5X~48.8X	10.5X~69X	22.5X~147X	30X~195X
	Diameter of Visual Field (mm)	Φ17~Φ2.6	Φ34~Φ5.2	Φ24.3~Φ3.7	Φ11.3~Φ1.7	Φ8.5~Φ1.3
20X	Total Magnification	20X~130X	10X~65X	14X~92X	30X~196X	40X~260X
	Diameter of Visual Field (mm)	Φ14~Φ2.1	Φ28~Φ4.2	Φ20~Φ3.1	Φ9.3~Φ1.4	Φ7~Φ1.1
30X	Total Magnification	30X~195X	15X~97.5X	21X~138X	45X~294X	60X~390X
	Diameter of Visual Field (mm)	Φ9~Φ1.4	Φ18~Φ2.7	Φ12.9~Φ2	Φ6~Φ0.9	Φ4.5~Φ0.7
Working Distance (mm/in)		118mm/4.6"	195mm/7.7"	145mm/5.7"	50mm/2"	35mm/1.4"

Disclaimer: This List is valid only with SB, FA or similar 400 mm Post-Arms, this List is NOT valid using LB-bases

LICO Electronics GmbH, Klederinger Str. 31, A-2320 Kledering, Austria, www.eurolupe.com
Tel + 43 1 706 43 000 Fax +43 1 706 41 31 email office@lico.at h.miksch@lico.at

LICO Hungaria Kft, Raba u.4, H-2030 Erd, Hungary, www.lico.hu
Tel + 36 23 520 113 Fax + 36 23 520 115 email office@lico.hu

LICO Mecatronic S.R.L., RO-540526 Targu-Mures, Romania, www.lico.ro
Tel +40 365 807 497, Fax: +40 365 434 999, email office@lico.ro

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