

# METZ - 5000 TMM (EDGE PRO)

## MOTORIZED METALLURGICAL MICROSCOPE



### TECHNICAL SPECIFICATIONS

#### **Trinocular Observation Head**

- Sidetopf observation head inclined at 30° rotatable at 360°
- Vertical focusable phototube for micro photography.
- Diopter adjustment ring on ocular tube(±5).
- Interpupillary distance from 50mm to 75mm.

#### **Eyepiece(anti fungal treated)**

- Extra wide field 10x(paired)
- F.O.V.22mm Ocular dia 30mm.

#### **Objective(infinity corrected & anti fungal treated)**

- LWD Plan Achromatic Metallurgical Objective 5x
- LWD Plan Achromatic Metallurgical Objective 10x
- LWD Plan Achromatic Metallurgical Objective 20x
- LWD Plan Achromatic Metallurgical Objective 50x(S.L.)
- LWD Plan Achromatic Metallurgical Objective 100x (Dry)

#### **Mechanical Body**

- Co-axial focusing control with large knob.
- PRE-FOCUSING LEVER & TENSION ADJUSTMENT RING.
- Reverse angle quintuple nosepiece revolving on Ball bearing with slot for polarizer & DIC attachments.
- Rotatable & rackless motorized mechanical stage size 150mm x 150mm.
- Low positioned co-axial controls on ball bearing guide ways.
- XY sample stage = Motorized
- XY stagetravel = 100mm x 100mm
- Z focusing stage = Motorized with autofocusing algorithm
- Z focusing stage travel = 25mm

#### **Sub Stage Condenser**

- Swing out front lens, abbe condenser N.A. 0.9, filter holder and iris diaphragm

#### **Reflected Illumination**

- 5W LED, Warm color, Koehiers with illumination with oblique device, center adjustable field and aperture diaphragm

#### **Standard Accessories**

- 5W LED bulb, dust cover, blue filter, guarantee card operating manual and Styrofoam molded pack

