



Corrigendum  
for  
Fluorescence Upright Compound Research Microscope with  
Scientific Colour Digital Camera for the Department of  
Pathology

NIT Issue Date	: 23 <sup>rd</sup> July, 2020
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**The following revised and additional specification will be added:-**

- 1) Page No. 10, In technical specification, Point No. 2:**  
**For**  
Transmitted Light Bright field, Fluorescence and upgradation possibility for DIC.  
**Read**  
Transmitted Light Bright field, Fluorescence and upgradation possibility for Polarizing
- 2) Page No. 10, In technical specification, Point No. 3:**  
**For**  
LED with 50000Hrs Life time.  
**Read**  
Lamp housing for transmitted light: - 14W LED with 50000Hrs Life time or more.
- 3) Page No. 10, In technical specification, Point No. 5:**  
**For**  
3-step focus drive for coarse, fine & super fine focusing.  
**Read**  
2-step focus drive for coarse & fine focusing (Fine adjustment: 0.1 mm / rotation) with tension adjustment.
- 4) Page No. 10, In technical specification, Point No. 6:**  
**For**  
Nosepiece: Revolving Objective nosepiece for 7 objectives.  
**Read**  
Revolving Objective nosepiece for six (6) objectives with analyzer slot.

- 5) **Page No. 10, In technical specification, Point No. 9:**  
**For**  
Binocular Phototube, with tube lens  $\infty$ /lx, with 30° viewing angle, with interpupillary adjustment 55-75mm, with constant focus and automatic adjustment of right eyepiece /graticule. 3 beam splitter positions vis/phot; 50/50%, fixed with 25mm FOV.  
**Read**  
Trinocular Phototube, with 30° viewing angle, with constant focus and automatic adjustment of right eyepiece/graticule. 3 beam splitter positions vis/phot/ 50:50 or 20:80 for simultaneous observation on camera and eyepiece, fixed with 25mm FOV or better.
- 6) **Page No. 10, In technical specification, Point No. 10:**  
**For**  
Condenser Achromatic apl. A 0.9 (P) with switchable condenser head, with color coding for fast and easy adjustment of the aperture diaphragm, for bright field and polarisation (qualitative), optional equipment for dark field and phase contrast available, with slot for sliders.  
**Read**  
Universal turret condenser suitable for all application. N.A should be 0.90 or better.
- 7) **Page No. 10, In technical specification, Point No. 12:**  
**For**  
Eyepiece: Focusable & adjustable eyepiece pair 10x/ 22 mm FOV.  
**Read**  
Eyepiece: Both eyepiece should be Focusable & adjustable eyepiece pair 10x/ 25mm FOV or better.
- 8) **Page No. 10, In technical specification, Point No. 13:**  
**For**  
Fluorescence Attachment: Fluorescence Filter, UV, Blue and green band pass filter, with LED light source with 20000Hrs or more life span.  
**Read**  
Fluorescence Attachment: Fluorescence Filter turret 6- position or more, UV, Blue and green band pass filter, with 130W mercury / 120W Xenon light source with 2000Hrs or more life span.
- 9) **Page No. 10, In technical specification, Point No. 14:**  
**For**  
Camera: High resolution cool digital camera with 7mp or More CCD sensor, fire wire cable, interface to produce 1:1 image on PC with PC1 Interface Card, Fire Wire and fire wire cable 4m; with C-mount 0.70x HC.  
**Read**  
High resolution CMOS /CCD camera: CCD/CMOS colour camera chip having with 12MP resolution or more. Auto Exposure, Chip size of 2/3" (for CCD) / 34 x 22 mm (for CMOS). Quantum Efficiency > 70% and pixel size of 6  $\mu$ m x 6  $\mu$ m or better. Camera should be capable for weak fluorescence signals, 12 -14 Bit RGB colour depth. 4K x 4K Image at full resolution and live display speed @ 30fps or more at 1K x 1K resolution or better. Suitable C mount/F mount should be provided.