(PR No. 1000042061)   **(Rfx No. 6100001856)**

Technical Specification for Z Drift Compensator and Interface Cable (Addon for existing equipment Inverted Laser Scanning Confocal Microscope)

Sr. no	Item Description	Complied (Yes/No)	Additional Info if any
1	**IX3-ZDC Drift Compensator Specification** The X3-ZDC2 Z Drift Compensator for Olympus IX83 utilizes low phototoxicity infrared (IR) light at 790 nm to accurately detect and maintain the user-defined focus position. It offers two modes of operation: 1. **One-shot Autofocus (AF) Mode**: This mode allows users to set multiple focus positions for deeper samples, facilitating efficient Z-stack acquisition during multi-position experiments. 2. **Continuous Autofocus (AF) Mode**: Continuous AF mode keeps the desired observation plane in sharp focus, compensating for focus drift caused by temperature fluctuations or the addition of reagents. 3. Additionally, the IX3-ZDC is compatible with silicon objectives and plastic-bottom vessels, ensuring versatility in various experimental setups. 4. With Interface Cable 15 cm 5. Warranty: 1 Year		