

cTIRF

SKU: MP38221



Categories: [Microscopes](#)

Description

VPH has also developed a novel evanescent wave-based illumination platform technology called cTIRF. Using cTIRF, you can convert any bright-field microscope to total internal reflection fluorescence microscope. It has applications in life science research, and infectious disease diagnosis. Diagnostic services for tuberculosis (TB) in India are provided through a network of more than 14,000 microscopy centers, where bright-field microscopes are used. cTIRF, with these conventional binocular microscopes, can be used for highly sensitive fluorescence detection of TB. It can be used with any bright-field microscope to convert it to a fluorescence microscope for fluorescence sputum smear microscopy.