



# Azure Sapphire™ Eraser

## Azure Phosphor Screen Eraser

The Azure Sapphire Eraser is a dedicated instrument for erasing storage phosphor screens (imaging plates). An LED light source illuminates the entire screen to remove any residual signals prior to sample exposure. The complete erasure process blanks the screen to a basal level, which is critical for maximizing sensitivity, linear response, quantitative accuracy and image quality.

Intended for phosphor screens based on the Ba:FBBr:Eu. Fits up to 25x25cm storage phosphor screens and is operated by a hassle-free drawer & interface.

Specifications	Azure Sapphire™ Eraser
Standard system configuration	LED arrays at 625 nm optimized for release of stored energy within storage phosphor screens
Part number	IS1015
Compatible phosphor screens	For unmounted phosphor screens only: BAS-IP MS (multipurpose use): BAS-IP MS 2025) BAS-IP SR (high resolution): BAS-IP SR 0813, BAS-IP SR 12.7 × 12.7, BAS-IP SR 2025 Unmounted GP (multipurpose use): Unmounted GP 20 x 25 cm
Hardware specifications	LED array emitting at 625 nm optimized for release of stored energy within storage phosphor screens Average light power of 18W/cm <sup>2</sup> Erasing times of 10 – 60 minutes (10, 20, 30, 40, 50, 60) Tray size of 28 x 25 cm
Dimensions and operational specifications	Dimensions (W x H x D): 31 x 8.4 x 43 cm Weight: 7 kg / 15.4 lbs Certification: CE Power Requirements: 100 – 240 VAC ± 10%, 50/60 Hz, 100W