



Whole  
Slide Scanner

Model: GA-WSS-01

MADE IN IRAN 

Digital Pathology

**Today's pathology needs new approaches**





Whole slide imaging (Whole slide scanner) refers to scanning a complete microscope slide and creating a single high-resolution digital file. This is commonly achieved by capturing many small high-resolution image tiles and then stitching together to create a full image of a histological section.

Specimens on glass slides can now be transformed into high-resolution digital files that can be efficiently stored, accessed, analyzed, and shared with scientists from across the web

Digital pathology enables pathologists to engage, evaluate, and collaborate rapidly and remotely, with transparency and consistency, thus improving efficiency and





When pathologists **stop** short of adopting **digital pathology** fully, they **miss out** on the **benefits** that cannot be achieved with glass slides.

## GA-WSS-01 Specifications

Illumination	Brightfield
Observable Specimen	Glass slide
Slide Capacity	2 slides (26 mm x 76 mm- manual)
Objectives	2X, 20X, 40X (4-position manual revolving nosepiece)
Stage	Motorized XY stage with automatic control
Focusing	Focusing Motorized focusing with automatic control
Scan Area	26 mm (W) x 64 mm (H) (Slide glass size: 26 mm (W) x 76 mm (H))
Pixel Resolution	20x : 0.30 $\mu$ m/pixel 40x : 0.15 $\mu$ m/pixel
Scan Time	Approx. 5min (20x objective, scan area 15 mm x 15 mm )
Scan Method	Tile
Color Camera	5.86 $\mu$ m $\times$ 5.86 $\mu$ m pixel size, 2.3 MP



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Whole  
Slide Scanner  
(Whole Slide Imaging)



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Advanced Medical and Laboratory Equipment Manufacturer

Since 2017



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