



Data Sheet

SeediX X-ray imaging cabinet

Mechanical specification	Weight 130 kg Height 150 cm Width 62 cm Depth 65 cm Maximum width with workstation monitor and keyboard 130 cm Stepless magnification up to 18x Imaging area 24x30 cm Radiation-shielded cabinet: steel 2mm, glass door 1,1mm Pb
Electrical specification	Mains voltage 230 V AC Max current 3,5 A
X-ray tube	Operating voltage 20 – 35 kV Spot size 5 µm Target material W
Detector	Type TFT IGZO CsI Size 24x30 Pixel size 75 µm Resolution 3840 x 3072
Workstation PC	Processor Intel Memory 16 G Hard drive 512 G SSD + 1 TB for image storage Operating system Windows Display 24"
Image	Format 16 bits TIFF
Workstation	All system functions controlled from workstation user interface Imaging parameter presets (kV, time, magnification) defined for different seed types. Can be adjusted also manually. Image processing optimized for seed imaging Image post-processing tools: contrast and brightness adjustment Digital zoom 2.5x (in addition to max 18x geometric magnification) Automatic image analysis using AI/machine vision Images saved automatically to pc hard drive Images saved with metadata including used imaging parameters and saved seed sample information Backup of the images can be sent to external hard drive or to user specific storage space on SeediX server Language: English, Finnish
Support	Online remote support
Warranty	2 years
Manufacturer	Innomentarium Oy Y 2388822-5 Nahkatehtaankatu 2, 90130 OULU FINLAND

