

KGK JET CHECKER PK110

KGK's renowned print inspection system lineup now includes a compact, economical model.

catalog No.9124E

Simple Operation

Compact Design



▲ Camera, Lighting, and Controller



Large, Easy-to-View Screen

Have you ever struggled with a complicated, multi-layered operating screen? The PK110 features an 8-inch monitor that displays inspection settings on a single screen, allowing you to check the system's configuration at a glance.

Full-Scale Print Inspection with Simple Operation

The simplified setup screen allows inspection settings to be created by measuring the actual image with bounding boxes instead of entering numerical values. Technical image-processing terminology has also been minimized, enabling quick and intuitive operation.

Space-Saving Installation

There is no need to install the unit inside a control panel or prepare a separate DC power supply. In addition to standalone tabletop installation, mounting interfaces are provided on the bottom and sides, allowing installation on camera stands, conveyor frames, and other equipment.

Industry-Leading Image Storage Capacity

Up to 1.8 million images can be stored. When used together with the separately generated history files, this function helps improve traceability at your facility.

Synchronization Function

Designed by an inkjet printer manufacturer, the system offers excellent compatibility with printers. The synchronization function reduces setup work and helps prevent human errors such as incorrect data entry.

Waterproof Camera and Lighting Models Also Available

Protection rating: IP67 compliant.

The system can be installed in wet environments without concern about water exposure.



▲ Inspection Screen



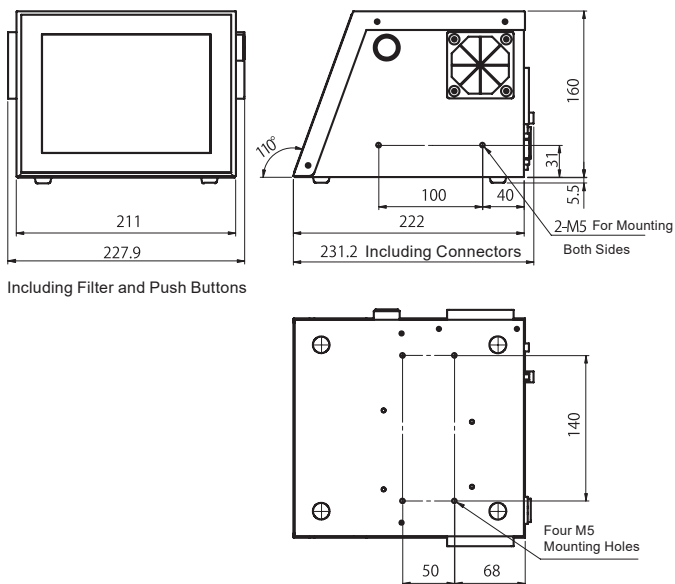
▲ Operation Example

• Specifications

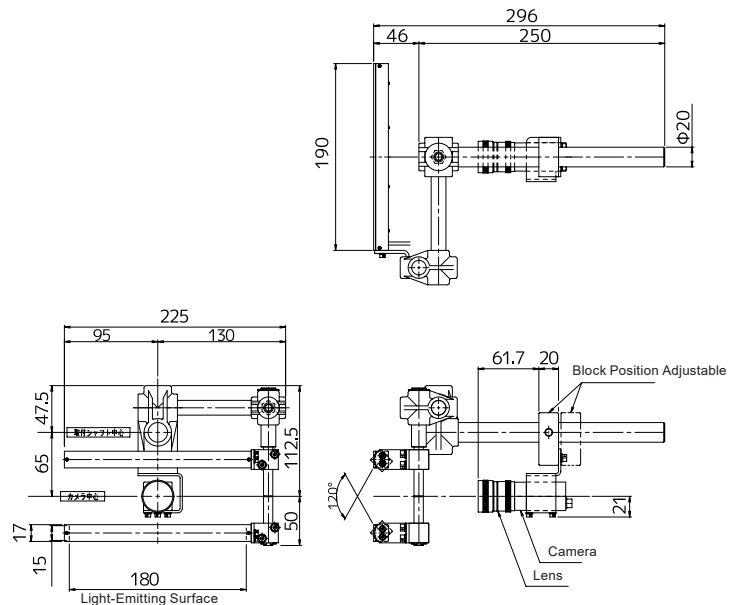
Item	Specifications
Registered Product Types	Max. 20
Number of Cameras	1
Inspectable Characters	Alphanumeric characters and up to 30 registered symbols; presence/absence inspection for other characters
Inspection Items	Wrong print, missing print, position shift, skew, presence/absence, missing dots, and print density
Characters per Inspection	Max. 20 characters per inspection area Up to two inspection areas can be configured
Date/Time Inspection	Conforms to KGK printer specifications (year / month / day)
Character Assignment	Conforms to KGK printer specifications
Image Storage Capacity	Up to 1.8 million images (JPEG format)
I/O Signals	Input: 16 points — product change, inspection disable, etc. Output: 12 points — OK/NG, running, processing, continuous NG, alarms, etc.
I/O	USB2.0×2, RS-232C×1
Processing Speed	100 ms for one 10-character image (varies depending on conditions)
Power Supply	AC 100 V ±10%, 50/60 Hz, 80 W Please consult us separately regarding AC 200 V.
Dimensions	227.9 mm (W) × 231.2 mm (D) × 165.5 mm (H) Approximately 100 mm of rear clearance is required for cable connections.
Operating Environment	5–35°C, 20–80% RH (no condensation)

• Dimensions

▼ Main Unit



▼ Camera / Lighting



Product specifications are subject to change without notice.