

Remote Centralized Control System For Laboratory Test Observation

Item Number: DA12



Introduction

Remote centralized control system with 2 megapixel viewport camera I5 computer 8G memory 1T storage centralized control-room button set and AC 220V 3KW power for documented test observation in testing environments requiring visual sample-state observation from a centralized control room

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Application	Description	Key Benefit
Battery cell research testing	Observe visible sample status through an equipment viewing window during battery-related laboratory tests.	Supports recorded visual observation without requiring continuous direct viewing at the equipment location.
Advanced materials evaluation	Monitor samples undergoing laboratory evaluation where visible condition is relevant to the test process.	Provides a defined camera-based observation point at the viewing window.
Thermal processing observation	Record the visible state of specimens in equipment fitted with a viewing window during thermal or process testing.	Brings test-sample observation into a centralized monitoring arrangement.
Ceramic materials research	Observe ceramic test pieces during research procedures that require visual condition checks.	Supports documented viewing of sample status from the control-room setup.
Powder metallurgy development	Monitor specimens during laboratory development trials where window-based sample observation is required.	Links the sample viewing location with a dedicated monitoring control computer.
Academic laboratory experiments	Support supervised observation and recording of test-sample conditions in university or institutional research environments.	Provides a specified, centralized arrangement for operators and research teams.
Materials science test facilities	Use the camera system to observe and record visible sample behavior during controlled testing workflows.	Consolidates camera observation and button control within an organized installation.

Parameter	Specification
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Product Function	Camera system for observing and recording the status of test samples
Camera	2 megapixel, installed in front of the equipment viewing window
Monitoring Control Computer	Brand computer, I5, memory 8G + storage 1T
Power Supply	AC 220V 3KW
Centralized Control	Equipped with 1 set of buttons, consolidated in the control room
Cabinet Color	RAL7035 orange-texture surface