

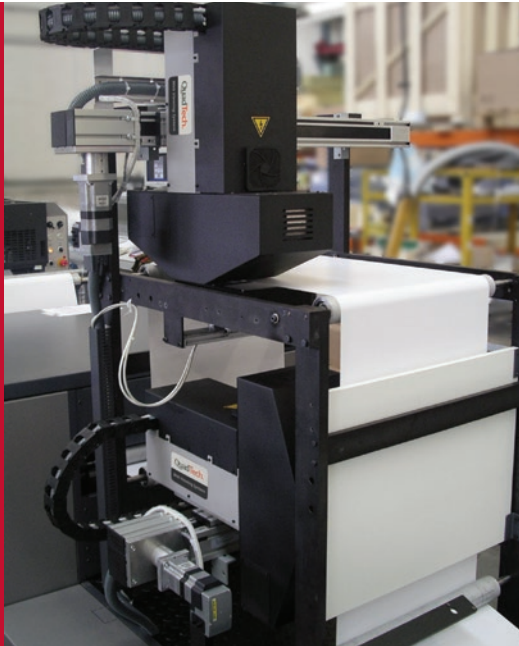
QuadTech® Web Viewing System

Packaging & Converting

Commercial

Newspaper

Publication Gravure



With superior image magnification and clarity, the QuadTech Web Viewing System makes it possible for your press operators to inspect down to the tiniest detail to catch defects before they become costly problems.

Maximum speed? Or minimum waste?

In an attempt to meet the ever-escalating quality control challenge, packaging printers may feel they have to reduce press speed or sacrifice waste reduction. Neither is necessary with the Web Viewing System.

With direct, real-time digital viewing of your moving web, this system enables operators to detect defects and register errors before they become visible to the human eye. Waste is reduced. Quality is enhanced. And turnaround is faster than ever.

Maximum accuracy at uninterrupted print speed

With its motorized transport bar and zoom-to-touch software, the QuadTech Web Viewing System enables precise packaging quality control. Its ability to easily move to and zoom in on specific areas of the moving press adds flexibility and depth to your operator's inspection capabilities. Fully automated and with unsurpassed image clarity, it helps you deliver error-free, superior quality packaging faster.

The Web Viewing System is appropriate for every roll-to-roll application and any packaging substrate. Its high-resolution digital camera takes snapshots of the moving web, delivering real-time, pin-sharp images to a high-resolution monitor. Operators can quickly and easily detect print quality problems such as print and die-cut registration, perforations, streaks, voids, fills, damaged plates and more.

- **High-performance technology.** Like all QuadTech products, this 100 percent digital system is engineered for long-lasting precision performance and reliable system stability.
- **Flexible.** Customizable to create the best solution for your needs, including resolution level and monitor sizes. Optional software adds functionality such as barcode verification, image streaming, automatic defect detection and other capability enhancers.
- **Improved productivity.** Defect detection is made with the press running uninterrupted. Plus, enhanced ability to spot defects and check bar codes translates to increased press speeds and less errors.

- **Ease of use.** Intuitive interface, presets, touch screen, complete printing overview and a host of other user-friendly features ensure a minimal learning curve and faster job setups.
- **Integrated and adaptable.** Use as a stand-alone system or in conjunction with the QuadTech® Inspection System for optimum error detection.
- **TouchRegister.™** This optional feature for CI flexo presses makes it easy to set color register quickly and accurately. The system uses one operator-identified microdot per color, requiring no special mark pattern.

Features	Basic System	Standard System	Advanced System
Manual Control	✓	✓	✓
Vertical Control	✓	✓	✓
Traveling mode	0*	✓	✓
Automatic mode	0*	✓	✓
Discrete traveling	0	0	✓
Presets for direct positioning	0*	✓	✓
Complete printing overview	0	0	✓
Zoom-to-touch	0	0	✓
Job settings	0	0	✓
Variable motorspeed	0*	✓	✓
180 degree image	✓	✓	✓
Image library	✓	✓	✓
Position library with presets	0*	✓	✓
Defect detection (basic)	-	-	0
Image streaming	0	0	0
100% Inspection interface	0	0	0
Bar code verification	0	0	0
Coldseal/varnish	-	0	0
TouchRegister	0	0	0

0* – Optional, provided w/motorized transport bar

QuadTech® Web Viewing System

Specifications

Performance:

Processing	Intel® Pentium® CPU
Operating system	Microsoft® Windows®
Cooling	Fanless cooling for PC and power supply
Communication means	Gigabit Ethernet
Backup	By PC hardware device
Maximum operating speed	1,000 m/min (3,280 ft/min)

System Requirements:

Voltage	110V or 240V +/-10% 650 VA , fused 10A
Frequency	50 or 60 Hz
Phase	Single phase

Process Technologies:

Cameras	1 or 3 CCD digital area scan cameras Different resolutions according to system configurations
Lighting	High performance stroboscopic flashes with color correction
Motorization	Schneider ICLA intelligent motors RS 485 communication
Positioning	Schneider lateral guide and motorization

Environment:

Temperature range	5° C - 50° C (41° F - 122° F)
Maximum humidity	90% non-condensing

Interfaces:

RGB Logic boards	Optical separation, Heidenhein/RS 485/422
Network communication	Gigabit Ethernet

User Interface:

Type	TFT touch screen
Location	Panel mount or suspended on an extendable arm
Operating system	Microsoft® Windows®

Certifications:

Meets CE Standards

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*QuadTech enhances your competitive edge with powerful,
performance proven solutions that boost quality and efficiency,
reduce waste and increase your profitability.*

For details, contact your QuadTech representative.

QuadTech.



quadtechworld.com

The Americas
United States
+1 414 566 7500 **TEL**
sales@quadtechworld.com

Europe
France • Germany
• The Netherlands
• United Kingdom
+31 294 496222 **TEL**
qtesales@quadtechworld.com

Asia-Pacific
China
+86 21 62882525 **TEL**
chinasales@quadtechworld.com

India
+91 79 2642 1863 **TEL**
indiasales@quadtechworld.com

Japan
+81 48 839 8831 **TEL**
tokyosales@quadtechworld.com

Singapore
+65 6538 3517 **TEL**
apsales@quadtechworld.com