

# Model 2084 Ultimate® Ultraviolet Hole Detector™ Technology



## Choose Cost Effective Inspection


Model 2084 Ultimate® Ultraviolet Hole Detector™ Technology provide very cost effective, real time, detection and classification of holes in web manufactured materials. Outputs produced by these systems can be used for control or activation of audio or visual alarms, counters, sorters, and other types of equipment.

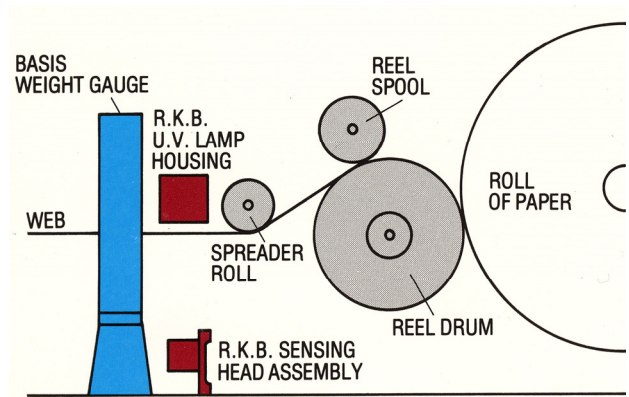
## Improve Profitability

Model 2084 Ultimate® Ultraviolet Hole Detector™ Technology can be quickly, easily, and inexpensively added to existing production equipment. These systems have been proven over time under real world conditions on many types of production equipment including:

- Sheeters
- Coaters
- Slitters
- Rewinders
- Paper Machines
- Supercalenders

These systems provide production, maintenance, and managerial personnel with immediate notification of defects and the information they need to quickly locate and correct defect producing conditions. Choose our Model 2084 Ultimate® to improve the productivity and profitability of your production operations.

	
<b>TECHNICAL SPECIFICATIONS</b>	
<b>Defects Types Detected</b>	Holes
<b>Minimum Detectable Defect</b>	0.625" (1.5 mm) Diameter
<b>Maximum Web Speed</b>	8,000 ft./min (2,438 m/min.)
<b>Basis Weight Range</b>	17 #/3300 sq. ft. (35 gsm)
<b>Material Color Range</b>	Unlimited
<b>Illumination</b>	Germicidal Ultraviolet
<b>Web Width Adjustment</b>	Maximum Web Width Minus 20" Each Side
<b>Ambient Temperature</b>	40 to 160° F (4 to 70° C)
<b>Power</b>	208/220/240 VAC 50/60 Hz Single Phase 3.0kW average
Specifications are subject to change without notice.	



## Call RKB

Call us to discuss your hole detection requirements and to learn more about the industry's most cost effective and reliable hole detector in the world.



### R.K.B. OPTO-ELECTRONICS, INC.

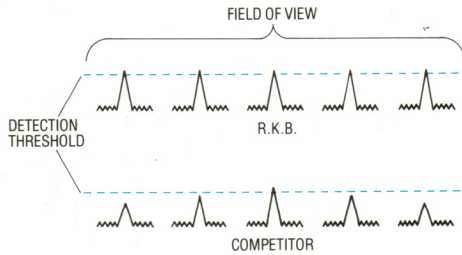
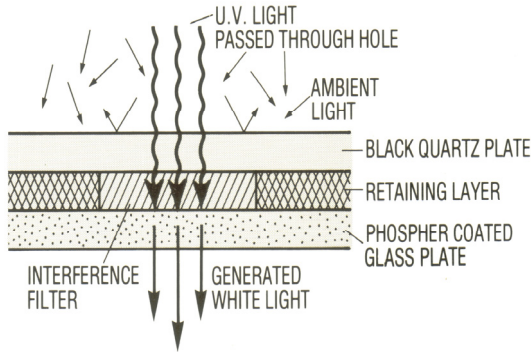
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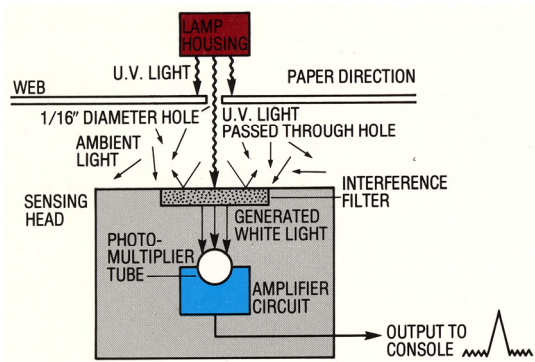


## Demand Proven Performance

RKB Model 2084 Ultimate® systems have been designed for stable and reliable operation under real world conditions found in various low, high and ultra-high-speed papermaking, printing, and converting processes. Their performance is well established and proven in various installations worldwide.



*(top) Unique sensitivity equalizer insures 100% uniform inspection of the web. (above) This comparison chart shows signal output of the Model 2084 versus a typical competitive unit.*



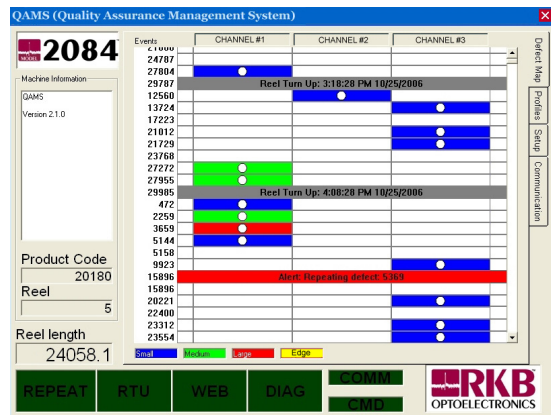
## Fully Qualify Your Products

Each Model 2084 Ultimate® Ultraviolet Hole Detector™ Technology is designed to span the entire web width for 100 % inspection of the web material. Products can now be fully qualified prior to shipment to customers. Our Model 1280® Multicolor Spray Marking System can also be combined with a Model 2084 system to provide visible edge marks that positively identify hole sizes and locations for manual or automatic product classification.

## Add Analysis and Reporting

Repeating defect detection and hole size Classification capabilities are included with each Model 2084 Ultimate® Ultraviolet Hole Detector™ Technology. Our QAMS® Quality Assurance Management System software can also be added to the system to provide:

- Analysis and Charting
- Footage Tracking
- Product Code Identification
- Material and Process Traceability
- Real Time and Historical Reporting
- Status and Parameter Displays
- On-Line Diagnostics



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