

SPECIFICATIONS AND MODELS

SPECIFICATIONS	
Sensor Resolution	102x77 Pixels
Temperature Range	-10°C to 330°C (14°F to 626°F)
Accuracy	+/- 5°C or 5%
Thermal Sensitivity	.1°C
On-Screen Measurement Distance-to-Spot	83:1
Screen Size	2.4"
Available Color Palettes	Rainbow, Ironbow, Grayscale
Adjustable Emissivity	0.1 – 0.99 by 0.01
Image File Type	.PNG, .DAT (For Software)
File Transfer	SD Card, Micro-USB
Run-Time	10+ Hours



KIT
 44YW65
 44YW65 7.8KP Thermal Imager, Protective Boot, (1) M12™ REDLITHIUM™ Compact Battery Pack, Charger, SD Card, USB Cable, Manual and Soft Case



Nothing but **HEAVY DUTY.**®

UNMATCHED DETAIL. LIMITLESS USES.

UP TO
40%
 MORE RUN-TIME.
20%
 MORE POWER.
50%
 MORE RECHARGES

REDLITHIUM™



NUMBER 1 SUBCOMPACT SYSTEM ON THE MARKET
 70+ TOOLS



NEW
M12™ 7.8KP THERMAL IMAGER



www.grainger.com/milwaukee

M12™ 7.8KP THERMAL IMAGER

The M12™ 7.8KP Thermal Imager is the first affordable unit on the market capable of delivering superior performance that rivals more expensive imagers today. Featuring the highest pixel density in its class and new DUAL SENSE™ pixel technology, the M12™ 7.8KP Thermal Imager takes crisp, detailed images in a more compact and easy-to-use design. Ideal for Service Professionals, the M12™ 7.8KP Thermal Imager allows for faster troubleshooting, and improves the quality of routine service checks.

Key Benefits

- Instantly expose problems
- Increase frequency and ease of equipment checks
- Work safely outside of hazardous areas
- Document, analyze, create reports

LIMITLESS USES



Electrical

- Unbalanced loads
- Poor/loose connections
- Blown fuses
- Undersized conductors and more



HVAC-R/Plumbing

- Radiant flooring problems
- Heating/cooling loss
- Hot and cold water lines
- Clogged pipes and more



Building Construction

- Missing insulation
- Window/door gaps
- Water damage
- Structural issues and more



Mechanical

- Overheating motor
- Failed steam traps
- Misaligned belts
- Worn bearings and more

UNMATCHED DETAIL



DUAL SENSE™

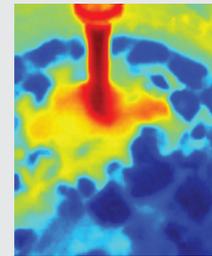
Best-in-Class Pixel Density

- 7,854 (102x77) Pixels capture the highest resolution images in its class

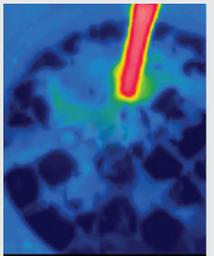
DUAL SENSE™ Pixel Technology

- Ultra responsive pixels adjust individually to eliminate blurring of hot & cold details

Milwaukee®



Competitor



EASY-TO-USE

Easy Targeting

- Dual lasers frame target area
- 83:1 Distance-to-spot takes long range or small area measurements

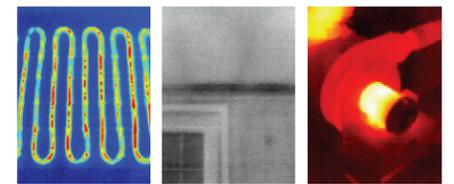
Dual Action Trigger

- Activate lasers for easy scanning
- Quickly capture images

Faster Scanning

- On-screen real-time temperature
- Automatically locates highest and lowest temperatures

Multiple Color Palettes



Rainbow Grayscale Ironbow

REPORTING

Fully Compatible with Milwaukee® Thermal Imager Reporting Software

- Archive and track changes over time
- Analyze and note key findings
- Create custom reports
- Available at milwaukeetool.com



M12™ REDLITHIUM™ Battery System

- 10 hr Run-time for a full day's work
- Compatible with over 70 M12™ tools