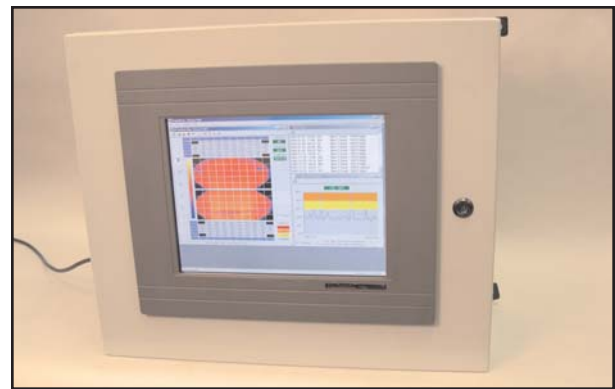


Illustration of a Single Camera System



Processor Display Running the Torpedo Car Software

Features

Optional Dual Cameras

Take thermal data from single or dual thermal imaging cameras.

Thermal Fingerprinting

Identifies each torpedo car by the raised or painted lettering on its shell.

Trend Algorithm

Ignores environmental effects to provide accurate temperature trend data for each car.

Automatic Image Resizing

Different sizes and types of torpedo cars are automatically resized. Moving cars are detected when their full length is in the field of view. No data is missed.

Surface Map

The surface map works as a grid-style overlay of your image. Each box within the grid measures the maximum temperature for up to 50 points of data for each image.

Benefits

See the Entire Torpedo Car

With dual cameras mounted at the pour area, top, side, and bottom surfaces of the Torpedo car are inspected. This assures that no hot spots have been missed.

No Tag Reader Necessary

The Thermal Fingerprinting feature of the Torpedo Car Software identifies each car and matches it with its data. Tag readers, and their associated problems, are no longer needed.

Ignore Environmental Variation

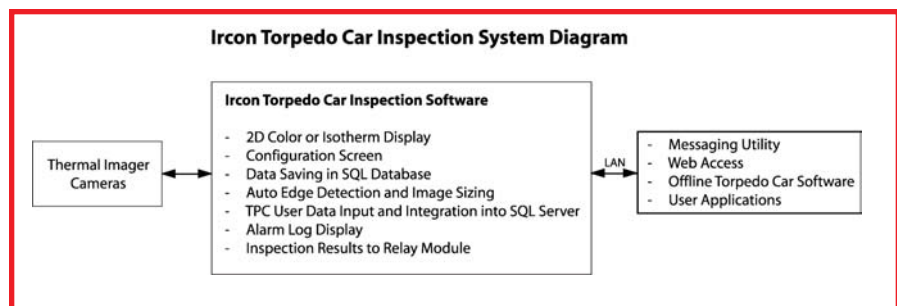
Temperature swings caused rain, wind, and snow can be factored out providing the user with the correct shell temperature of the car. This provides a much more accurate thermal history over time.

Eliminate the Tachometer

Unlike line scanning systems, which rely on a tachometer to compensate for car speed, the IRCON Torpedo Car Inspection Software uses Automatic Image Resizing to capture temperature data. Loading in individual car recipes and using the tach to compensate are no longer necessary.

Preventative Maintenance

The Torpedo Car Inspection Software is ideal for preventative maintenance. The data captured by the camera will not only show high shell temperature, but also indicate the hot spot location to look for failed refractory brick once the car is being serviced.



ISO 9001 : 2000

Quality System
Certified



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