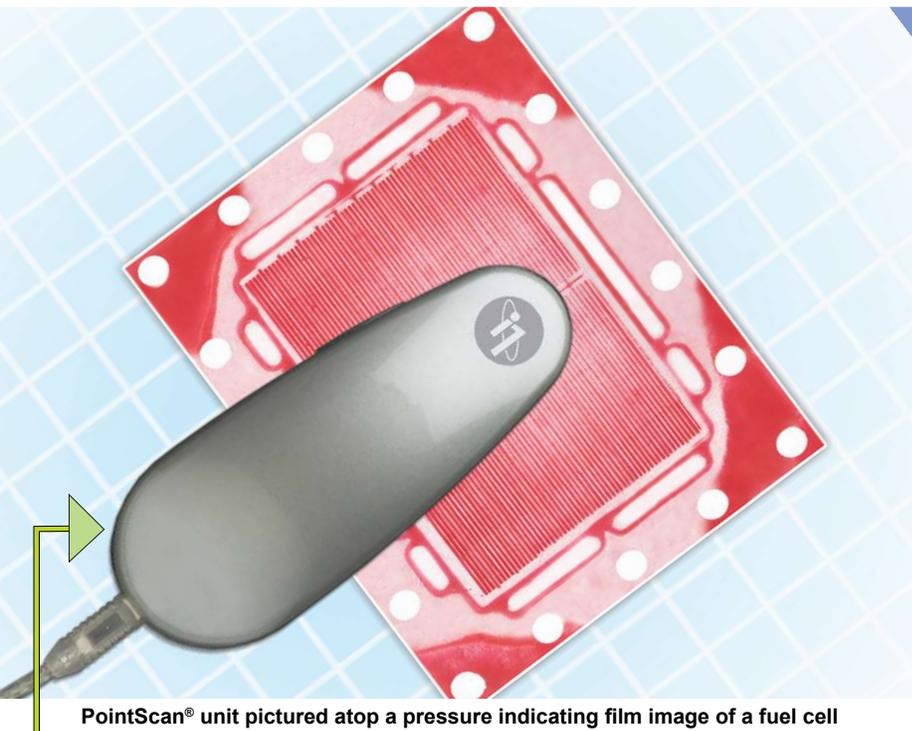




SPOT ANALYSIS OF PRESSURE



PointScan® unit pictured atop a pressure indicating film image of a fuel cell

PointScan® is a portable Windows based measurement system that enables rapid evaluation of pressure magnitude at any given point on **Fujifilm Prescale® surface pressure indicating film**. Simply position PointScan® over the area you wish to analyze and the pressure data is instantly displayed in your Windows software.

This easy-to-use tool prompts the user to enter temperature, humidity, time of exposure and film type, it then quickly displays the pressure reading in either Metric or English units of measurement. PointScan® is a durable device traceable to WIST standards. The PointScan® System comes equipped with a quick recalibration template that ensures high repeatability.

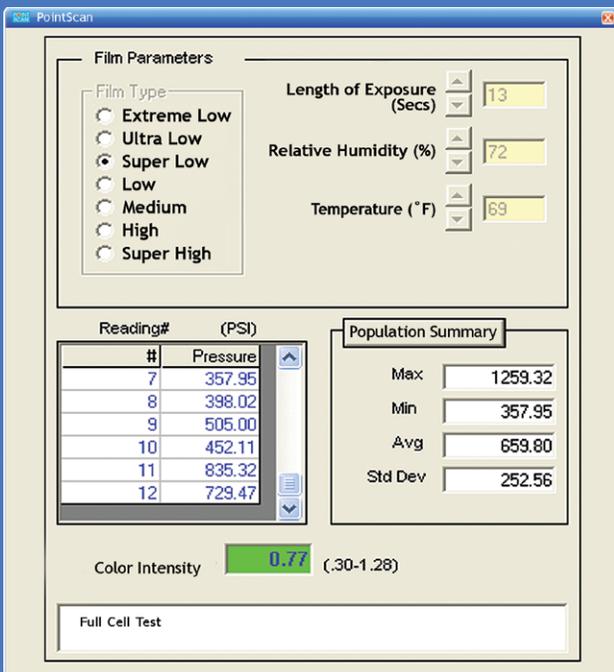
2 Simple Steps

- 1 Position the Pointscan unit over the area where you desire to take a reading.
- 2 Review the reading generated on your computer monitor.

WHAT DOES POINTSCAN® DO?

Measures color intensity

Converts to pressure level



SYSTEM SPECIFICATIONS

| | |
|----------------------------|--|
| Spectral Analyzer | Holographic diffraction grating with 128 pixel diode array |
| Optical Resolution | 10nm |
| Physical Sampling Interval | 3.5nm |
| Interface | USB 1.1 |
| Physical Dimensions | Length 151mm, width 66mm, height 67mm (6 x 2.6 x 2.6 inches) |
| Weight | 0.4 lb (0.19 kg) |
| Measurement geometry | 45°/0° ring illumination optics, DIN 5033 |
| Light source | Gas filled tungsten (Type A) No or UV cut (Filters not exchangeable) |
| Inter-instrument agreement | Average DE*94 0.4, max. DE*94 1.0 (Deviation from X-Rite manufacturing standard at 23°C for single measurement mode on 12 BCRA tiles (D50,2°)) |
| Short-term repeatability | DE*94 <= 0.1 (D50,2°), with respect to the mean CIELab value of 10 measurements every 3 seconds on white |
| Data format | Spectral radiance (mW/nm/m² /sr); Luminance Y (cd/m²) |
| Measurement range | 0.2 ... 300 cd/m² |
| Short-term repeatability | x,y: +/- 0.002 typical (CRT 5000°K, 80 cd/m²) |
| Type | Cosine-corrected diffuse light measurement head |
| Diameter | 0.24 in (6.0 mm) |
| Data format | Spectral irradiance (mw/nm/m²), Illuminance Y (lux) |
| Power supply | Device powered by USB. USB 1.1 high power device |
| Compatibility | Windows® / Windows 7® |

System Includes: Pointscan® unit, Windows based software, and USB cables.



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