

PM64™ Electronics

Deploy Pressure Mapping at a Large Scale

PM64 is a new basic pressure mapping scanning electronics module that supports the deployment of multiple pressure mapping systems for high-volume users and original equipment manufacturers (OEMs).

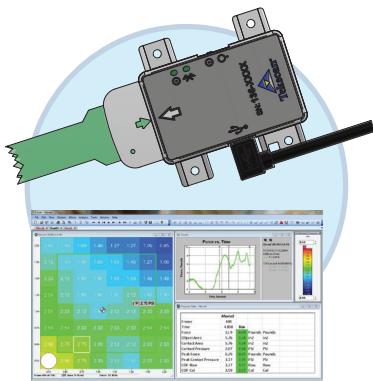
When utilized with Tekscan's software Application Programming Interfaces (APIs), PM64 provides a cost-effective, scalable solution as a live feedback loop for inline Quality Assurance/Quality Control testing, or as an embedded feature within a machine's user interface (U.I.).

THE PM64 APPROACH

1

Begin with the PM64 Starter Kit

Familiarize yourself with pressure mapping technology, and its capabilities



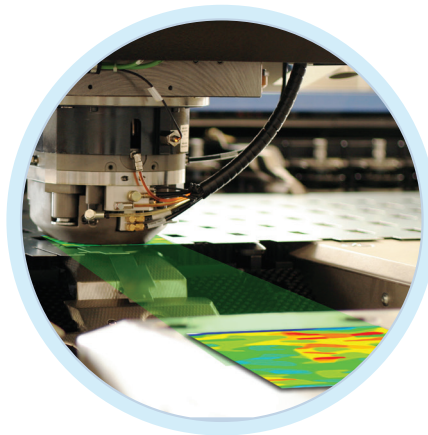
PM64 Starter Kit Includes:

- PM64 scanning electronics
- Sensors
- Tekscan's R&D software (I-Scan)
- Tekscan's SDK

2

Using the SDK, Develop Your Custom Software to Function in a .NET Framework

Take advantage of Tekscan's ease-of-use API to tailor your system for your specific application's needs



3

Deploy Your Custom Pressure Mapping Application Across Multiple Locations

Incremental pricing model allows for cost-effective large-scale deployment of electronics with run-time licenses.



PM64 STARTER KIT



I-Scan R&D Software*

Pressure Mapping Software Development Kit (SDK; an Ease-of-Use Application Programming Interface (API))

*Existing I-Scan customers who would like to pursue PM64 for broad pressure mapping distribution do not need to purchase an extra software license.

KEY FEATURES & BENEFITS

- Small, compact housing for electronics
- Quick, reliable sensor connection
- Compatible with I-Scan and the Software Development Kit (SDK)
- Sensor customization available

INDUSTRIES & APPLICATIONS

- Machine Setup
 - Tool and Die
 - Nip Rolls
 - Printing/Packaging
 - Product Assembly
 - Robotics
 - Semiconductor Handling/Processing
- OEM
 - By utilizing Tekscan's API, developers can program an application that controls and interfaces with PM64
- Test & Measurement
 - Applications where multiple systems are necessary

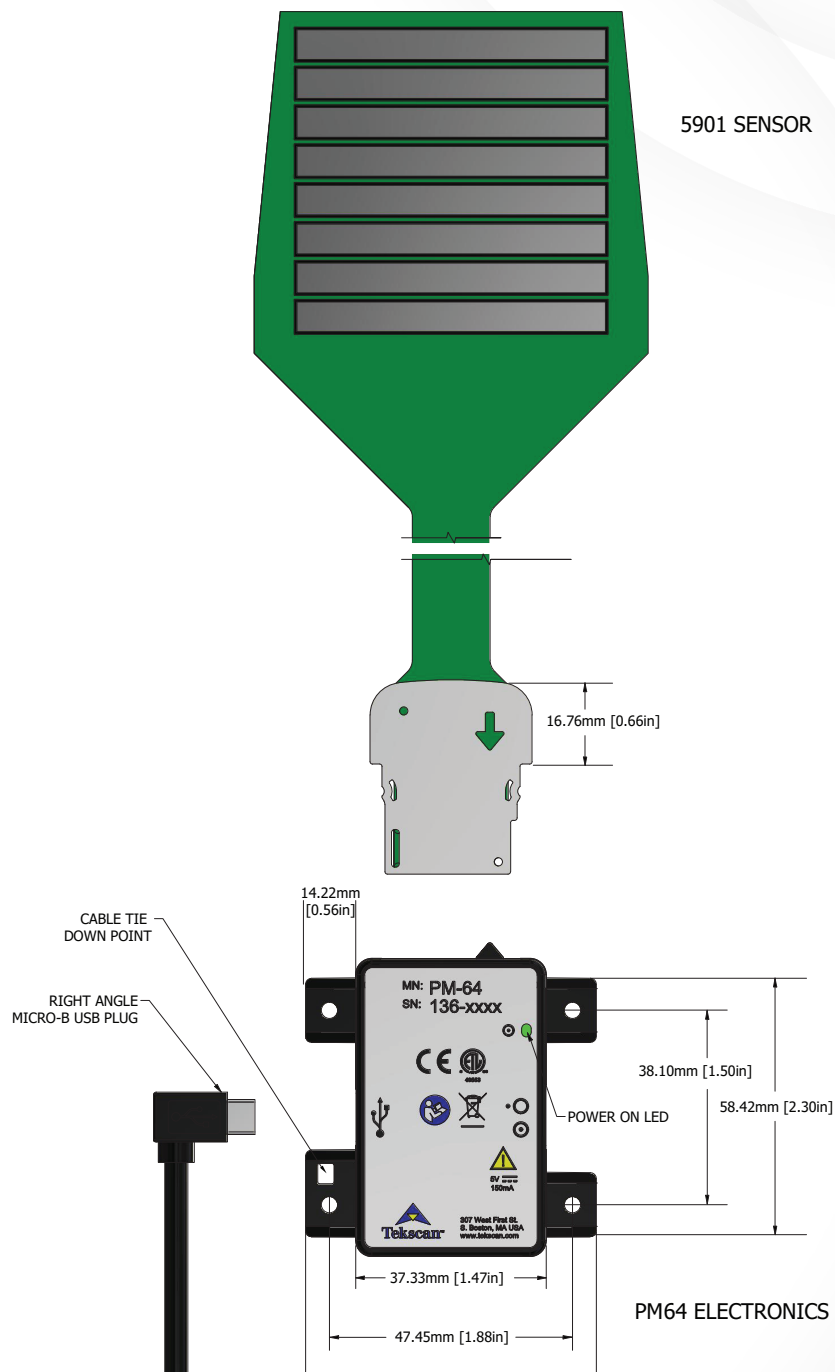
EASE-OF-USE APPLICATION PROGRAMMING INTERFACE (API)

With the SDK, PM64 allows high-volume users to implement pressure mapping technology across several locations, and OEMs to more easily integrate pressure mapping capabilities into their machine user interface. With this freedom, a customized .NET framework can be created to:

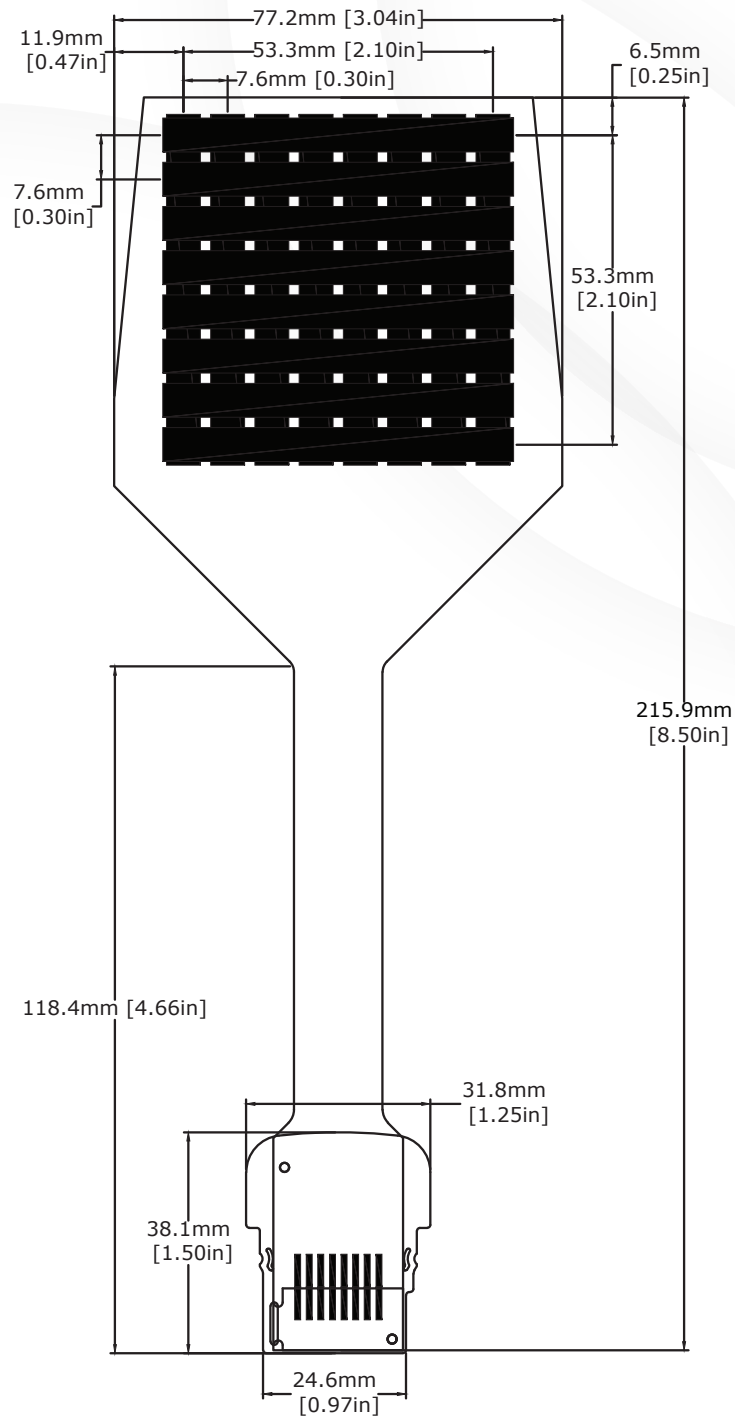
- **Get Data:** Communicate with Tekscan data acquisition electronics
- **Record Data:** Control acquisition parameters for saving data
- **Read Data:** Access and read data from previously saved files

Once the application is set up, the interface can be customized to the application. This allows developers to configure pass/fail logic in a simple user interface for operators of the machine.

PM64 ELECTRONICS SPECIFICATIONS



5901-125 SENSOR (INCLUDED WITH PM64 STARTER KIT)



| | |
|-------------------------|---------|
| # of Sensing Elements | 64 |
| Standard Pressure Range | 125 psi |
| Scanning Rate (Hz) | 100 |