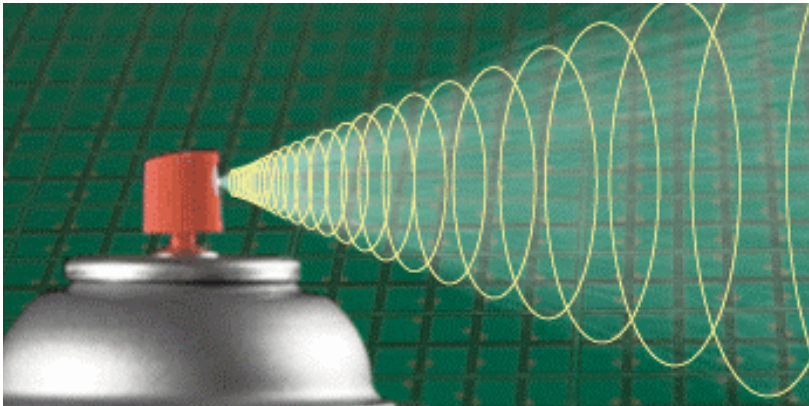


PPS Spray Pattern System™



Spray Pattern Mat with Digital Output

PPS Spray Pattern System

Spray processes such as coating are very common in manufacturing. PPS's *Spray Pattern Sensors* use capacitive-based sensor array technology to measure the amount of fluid that is applied to a surface, even for very fine mists at low pressures.

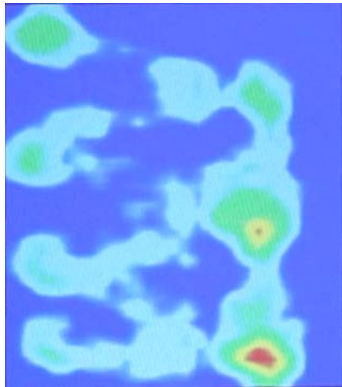
The *Spray Pattern Sensor* is a large, high-speed sensor mat designed to visualize and characterize accumulated fluid deposition information for spray processes.

The *Spray Pattern System* is an easy-to-use, real-time system for capturing spray pattern information and is ideal for spray nozzle applications. The system features the following components:

- USB 2.0 hi-speed interface for easy plug-and-play operation.
- High-speed & liquid-resistant spray pattern sensor.
- Chameleon TVR Software for visualization of the spray pattern data
- Synchronized video capture.

The system specifications are illustrated below:

| Specifications | Sample Screen Image |
|-----------------------|------------------------------------|
| Active Area | 476mm x 352mm |
| Array Configuration | 1,176 elements in a 42 x 28 matrix |
| Sample Rate | 40 Hz |
| Protective Coating | Chemically inert PVC |
| Operating Temperature | 10 – 85 degrees C |
| Power Requirements | USB powered |
| Outer Dimensions | 59 x 50.5 x 2.3 cm |



Contact PPS for academic and bulk pricing