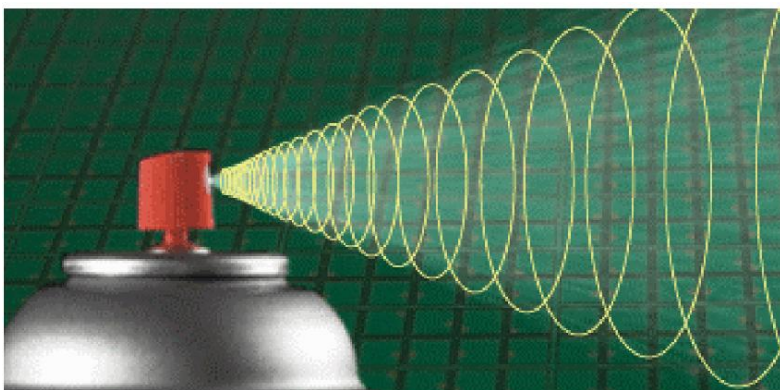


## PPS Spray Pattern System <sup>TM</sup>



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	

Due to continual product development, ALTHEN and partners reserve the right to vary the foregoing details without prior notice.