Force Sensors Market Analysis: By Application (Automotive, Medical, Industrial, Printing & Packaging); By Type (Capacitive Force Sensors, Strain Gauges, Piezo-resistive Force Sensors, Magnetic) - With Forecast (2015-2020)

Description:
Force Sensors are abounding in robotics, industrial automation equipment, automobile safety devices, medical systems and many others. The most well-known sensors for measuring force are load cells. They can use different technologies to sense loads. Strain gages, piezoelectric elements, and variable capacitance are among the methods in wide use.

In medical devices industry miniaturization has been a focus these days, sensor manufacturers have been responding to these innovations by providing variety of options in sensors with flexible mounting, small in sizes, and also have been adding new features to make sensors feasible with new applications by integrating multiple sensors in single package.

The increasing demand for force sensors in different platforms has set demand for force sensors; the market for the same is estimated to grow at a CAGR of 5.49% with total revenue of $2.36 Billion by 2020.

Recent developments in prominent industries such as Aerospace and Defense, Medical and Pharmaceuticals, Robotics, Manufacturing, Agriculture and others will shape up the Force Sensors Market by 2020. The market growth is estimated to observe a positive slope in Americas and Europe by 2020 end.

This market has been analyzed by product type such as capacitive sensors, strain gauges, piezoresistive sensors, pyroelectric sensors and others. In this report, the Force Sensors Market is further segmented into Applications and Geography. Applications include Aerospace and Defense, Medical and Pharmaceuticals, Printing and Packaging, Robotics, Automotive and others.

Competitive landscape for industry and market players are profiled with attributes of company overview, financial overview, business strategies, product portfolio and recent developments.

The market is dominated by major companies, namely:

- TE Connectivity Ltd,
- Tekscan, Inc.,
- Measurement Specialties,
- Texas Instruments,
- Omron Corporation,
- GE Measurement,
- Control Systems and many more.

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