
Description:


The global food safety testing industry is a diverse market comprising of various equipment and consumables. There are various food types that are tested globally for attributing not just safety but also nutritional value of food being consumed. The report provides a detailed account of all the food safety testing equipment and consumables used in food testing in terms of both value and volume (unit shipments). The market is segmented into different equipment types and consumable type, by food type, by contaminants and by geography. IndustryARC estimates that the Global Food Safety Testing Equipment Market Size for 2015 would be around $2,320.6 Million and that of Consumables around $2,142.3 Million.

Rise in global trade, increase in food mishaps resulting in product recalls, growing consumer awareness on food safety, clamor for labeling and increasing trend of outsourcing testing, inspection and certification (TIC) activities are the key drivers for increasing demand for food safety testing equipment. The most prominent factor fuelling the market growth is the stringent regulations enforced by regulatory agencies of various countries. The food manufacturers are investing in food safety testing to ensure compliance with regional regulations.

Food safety testing equipment has been segmented based on their technology into key types such as mass spectrometers, chromatography, PCR, ELISA, Immunoassay, NMR, flow cytometry, hybrid-systems and others.

PCR equipment is the dominant device type in 2014 and is estimated to exhibit the fastest growth through 2020 due to increasing installations. Immunoassay and Hybrid systems are also poised to exhibit faster growth as these are rapid analytical systems that hold huge potential for growth.

Food safety testing equipment are mostly used for contaminant testing. These tests are conducted to check for contaminants such as bacteria, fungi, allergens, and GM traces. In 2015, food microbiology dominates the food safety testing equipment market by type of contaminants.. This segment is poised to exhibit the fastest growth due to the perishable nature of food as well as being highly prone to contamination. GMO and allergen testing are the other promising segments exhibiting high growth. North America is the dominant region in 2015. Increase in food safety standards in China and India is driving the demand for food safety testing equipment and consumables in APAC.

Agilent Technologies Inc. (U.S.) and Thermo Fisher Inc. (U.S.) accounted for considerable share in the market owing to their strong focus on food safety testing segment. Thermo Fisher Inc. had made collaborations and acquisitions apart from launching six products to increase its revenues from food safety testing business unit. Agilent Technologies Inc. launched five products, out of which four were hybrid systems. The company launched 6400 LC/MS system, Q-TOF GC/MS System, 5977A Series GC/MSD, and GC-MS system recently which are used for varied applications of food testing.

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