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Everest Instruments unveils three dairy solutions

Ahmedabad-based company launches the first India-made FTIR-based milk analyser, Gas Chromatography machine, and Somatic Cell Analyser

By **Shraddha Warde** | March 18, 2024



Everest GC

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Everest Instruments, a pioneer in innovative dairy and food testing solutions, announces the launch of three revolutionary products. Among the products unveiled is the first FTIR-based Milk Analyser in India. The YAMA milk analyser is the first India-designed Fourier Transform Infrared Spectroscopy analyser, offering rapid and accurate raw milk composition analysis. Capable of determining the fat, SNF and protein content of milk and detecting common adulterants within just 30 seconds, this analyser is set to revolutionise village-level milk collection and bulk milk chilling centres with its affordability and efficiency. The product will also pave the way for import substation since most existing instruments are imported.

The second pioneering product is the Gas Chromatography for Milk Fat Fatty Acids and Triglycerides (Everest GC4500), which provides detailed profiling of fatty acids and triglycerides, crucial for understanding milk, milk products, and ghee quality. With its focus on nutritional value and authenticity, the GC4500 is poised to set new standards in dairy analysis.

At present, separate Gas Chromatography machines are used for GC analysis of milk fat for fatty acids analysis and triglycerides analysis. However, Everest Instruments has developed a machine that analyses fatty acids and triglycerides. This will reduce the expenditure on machines, accessories, installation, and spares. The products were unveiled by Meenesh Shah, Chairman of the National Dairy Development Board (NDDB), at the 50th Dairy Industry Conference in Hyderabad recently.

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