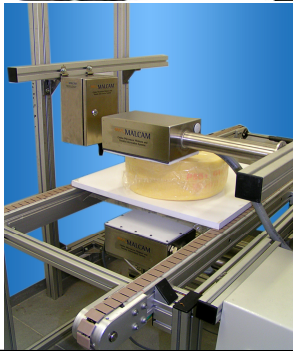
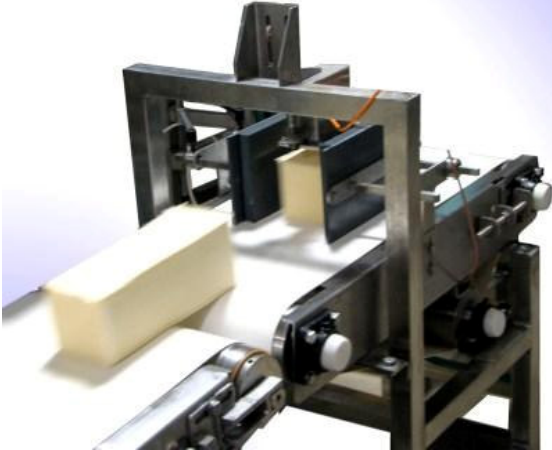


## MDS-6020

### Online and whole volume microwave moisture and density deviation analyzer for dairy products



#### MAIN BENEFITS

- ◆ Online, whole volume & all production analysis (no sampling)
- ◆ Uniformity data – STD of moisture within the block
- ◆ Highly accurate—not sensitive to color, chemicals or ambient conditions
- ◆ Fast ROI (optimized moisture levels & efficient production & better product quality)
- ◆ No physical contact with material
- ◆ Automatic storage and analysis of results for present and future use
- ◆ Interface with existing plant information systems

- ◆ Online, whole volume measurement
- ◆ Highly accurate, High performance reliable results provided in real time

The MDS-6020 is a non-contact online analyzer, which scans whole dairy products in bulk packaging and measures internal moisture and density deviation levels in the material. Based on MALCAM's highly successful series of analyzers, it provides better accuracy than any of the traditional laboratory/instrumentation measurement methods used today, and is operational on various dairy products such as different types of cheese and butter in various sizes and packaging.

The MDS-6020 operates under both digital and analog links, enabling instant availability of all analysis results and data throughout the enterprise. Easy-to-read graphic displays allow engineers, plant managers and executives to interpret process conditions and make decisions, thereby reducing material costs and improving quality.

The patented MDS-6020 system also offers a range of optional software packages. These include proprietary 3D microwave scanning and signal processing for critical real-time feedback on the internal moisture content of the whole volume of each package. This enables the MDS-6020 to scan every single package for overall moisture level and moisture vs. density by region, within seconds.

These stringent quality control procedures enable the improvement of product yields, reduction of rejection and product degradation rates, and increase of profits throughout all stages of the product processing procedure.

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