



Service Overview

Pasteurization Service & Support

After more than 40 years, our pasteurization service continues to be immensely valuable to our customers. We go beyond "Pass/Fail" inspections and look for potential problems before they cause unnecessary downtime. Most times, our pasteurization service is scheduled in conjunction with your regulatory inspections so you have an expert working for you when it matters the most. We can correct most problems while onsite, often eliminating the need for re-inspection after corrective action is taken days or weeks later. But our service does not stop there. Even a pasteurization system that passes all regulatory inspections could be riddled with inefficiencies. Let us show you how we can optimize your controls and help reduce good product going down the drain.

Control Point Identification & Classification

Masterleo can work with plant personnel to define control points and critical control points throughout your manufacturing process. A Control Point (CP) is defined as any instrument in the manufacturing process that must be calibrated on a recurring time interval (usually not to exceed annual calibration). A Critical Control Point (CCP) is similar to a CP but has greater importance placed on its proper operation and accuracy. CCP is defined as any instrument that is vital to the manufacturing process and must be calibrated on a frequently recurring time interval. We can also tag your instruments with color coded tags so CPs and CCPs are quickly and easily identifiable.

Determining Calibration Frequency

While every instrument in your manufacturing process serves a purpose, not all instruments carry the same importance or reliability. Masterleo can help you identify which instruments should be calibrated on a daily, weekly, monthly, quarterly, semi-annual, or annual schedule. We can also make recommendations to change the calibration frequency based on the history and performance of various instrumentation.

Developing Testing & Calibration Procedures

Manufacturers often list the proper procedures for the calibration of their instruments in their user manuals. These procedures can be written in order to cover a broad range of uses in various applications. The proper calibration of most instruments should be influenced by the manufacturing process itself. For example, Imagine a temperature sensor used in an application where the actual temperature range of the product going past the sensor is between +100°F to +200°F. It makes very little sense to test that sensor anywhere near -328°F or +392°F (even though those points might be the high and low limits of the sensor itself). Masterleo can fine tune the calibration procedures to what makes the most sense for your specific application. We can also help determine what level of accuracy is needed for the calibrations we perform and provide the appropriate testing equipment.

Calibrations & Documentation

Whether you have advanced calibration documenting software or only keep paper records, Masterleo can provide the documentation that is right for you. We have experience using many popular software programs as well as creating custom calibration records so we can accommodate most any request. A big part of documenting the calibrations we perform, is noting when the next calibration is due. We also use this information so we can schedule a return visit to your facility. Masterleo can inform you of the upcoming calibrations that we need to perform in order to schedule a date and time to ensure those calibrations are completed on or before the due date.

Inventory Management

While every instrument serves a purpose, very few facilities have the ability to carry one or more spares for every instrument in use. So how many spare instruments should you have? That is a difficult question for anyone who manages a facility. Masterleo has over 40 years of experience working with various types of instrumentation, within various industries. Masterleo can help you standardize many of your CPs or CCPs. We can also recommend the amount of spares that you should have based on various factors.



MASTERLEO SERVICE SUPPORT

BUSINESS PROFILE

Pasteurization Service Support

- Preventative Maintenance & Calibration, Repairs All System Types
- On-Site Support & Direction > Regulatory Agency Inspections
- Corrective Actions & Repairs
- "24/7" Emergency Tech. Support
- New System Start-Up's & Installations

Calibrations

- Manage & Execute Timely Schedule All Instruments
- Documented & Customized Reporting All Instruments
- Customized Service Plan & Schedule All Instruments

Inventory Management

- Custom Designed Replenishment Program
- Procurement Access Leading Manufacturers > Competitive Pricing
- On-Site Audit Reviews > Masterleo Techs.

Training

- Customized HTST Group Training Modules
- PMO Controls & Instrument Modules
- New Equipment Start-up Applications
- Partnership Training Modules > Ohio State College Dairy Science

New Product Development & Integration

- Customized Products & Applications
- PLC & Control Integrations
- Dairy & Food Applications