Get your team qualified to operate your vacuum processing unit. EKATO offers a wide range of training modules. Just pick the modules that fit your needs. We will send you a quotation.

Operation and Maintenance
- 1. Daily work with the equipment (operation)
- 2. Technical overview of the equipment
- 3. What to do if an unscheduled shutdown occurs?
- 4. Working with raw materials on the equipment

Research and Development
- 5. Product development
- 6. Process optimization

Recipe System
- 7. General handling of the recipe system

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Company
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Name
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Address
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Email

www.ekato.com
Operation and Maintenance Training

1. Daily work with the equipment (operation)
   - General information for operation of the equipment
   - Technical data of the equipment
   - Safety instructions
   - Explanation of individual functions and their parameters at the plant of the customer
   - Explanation of system parameters
   - Production in semi-automatic mode
   - Production with recipes (if available)

2. Technical overview of the equipment
   - General information regarding the technical data of the equipment
   - General explanation of the mechanical structure
   - General explanation of the safety appliance
   - Execution of the regular maintenance work (according to manual)

3. What to do if an unscheduled shutdown occurs?
   - Handling of failure messages
   - Analysis of a damaged element on the basis of the failure message
   - Detection and diagnose of noises and vibrations (what’s normal?)
   - Mechanical failure analysis
   - Electrical failure analysis
   - Using the documentation

4. Working with raw materials on the equipment
   - Using funnels, lances and chutes
   - Parameters, data sheets, batch instructions
   - Manual batch documentation

Research and Development Transfer to Production Scale

5. Product development
   - Operation of laboratory units (up to 25 liters)
   - Adjustment of parameters
   - Analysis of process parameter influence
   - Scale-up (from lab to production scale)
   - Manual batch documentation
   - Temperature, cleaning agent, cleaning time

6. Process optimization
   - Reduction of pre-phases
   - Reduction of time and energy consumptions
   - Development of cleaning procedures
   - Temperatures, cleaning agent, cleaning time
   - Transfer from other systems to an UNIMIX unit
   - Selection of raw material addition methods

Recipe System (if available)

7. General handling of the recipe system
   - Enter process and parameter information correctly (batch instructions)
   - Safety aspects for automatic operation
   - Testing of new recipe
   - Production with recipe system