

Basic Seminar „Dosing Technology“



- Mechanical and hydraulic fundamentals
- Selection and installation of **sera** dosing pumps
- Professional use of a dosing pump



Basic Seminar „Dosing Technology“

- **Target group:** Sales personnel
Engineers and technicians who are responsible for the design and configuration of dosing pumps
- **Learning objectives:**

 - Mechanical and hydraulic fundamentals which are used for dosing pumps
 - Proper selection of a dosing pump based on the possible equipment characteristics
 - Professional use of a dosing pump
 - Installation of a dosing pump using the required accessories
 - Hazards and potential of acceleration pressures
- **Content:**

 - Construction and design of sera dosing pumps
 - Stroke mechanism, drives, stroke length adjustments
 - Pump heads and their functional elements
 - Application-specific special designs
 - Incorporation of the dosing pump into the overall system
 - Conveying characteristic
 - Interaction of the dosing pump and the system
 - Operational criteria of oscillating displacement pumps
 - Damping of pressure and flow rate pulsation
 - Fuse protection
 - Hydraulic accessories
 - Control modes of **sera** dosing pumps
 - Structure of **sera** dosing systems
- **Duration:** 11.00 am – 04.00 pm
- **Seminar documents:** Seminar documents, food/beverages, CD with **sera** product range, certificate of attendance
- **Dates*:** on request

■ **Registration deadline:**
- **Minimum number of participants:** 5 (dates for groups upon agreement)
- **Participation fee:** 210,- €

* The dates have been fixed so that they can be easily combined with our other trainings without additional arrival and departure.

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