

accroma™ Basic Training



accroma labtec Ltd.

Rothausstrasse 61
CH-4132 Muttenz

T +41 61 312 58 88
info@accroma.com
www.accroma.com

1 Elements

- Types of Samples
- Types of Consumables
- Difference Consumable – Sample
- Solvents
- Difference Method – Workflow
- User Levels
- User Interface / Various Panels
- Naming of the Modules
- Sample Data and History

2 Commissioning

- Connecting the Cables
- Connecting Liquids
- Placing Samples and Consumables
- Starting / Initialization / Homing

3 Methods

- Understanding Methods
- Types of Methods
 - o Methods which require no parameters
 - o Methods which require parameters
 - o Methods which require a method file
 - o Method which link to an instrument method
- Internal Methods
- Sample Processing Methods
 - o SamplePrep
 - o Dispensing
 - o Extraction
 - o Dilution
 - o Pipetting
 - o Filtration
 - o Weighing
 - Tara Weighing
 - Net Weighing
 - Weighing After Dispensing or Pipetting
 - o Ultra-Sonication
 - o Sedimentation

- Parameters Common to Liquid Handling Processes
 - o Solvent
 - o Aspiration Height
 - Balls! Solids!
 - o Liquid Level Detection
 - o Aspiration Volume
- Solvent Creation
- Chromatographic Methods
 - o Waters Empower
 - o Waters MassLynx
- Setting Parameters

4 Workflows

- Understanding Workflows
 - o Running a Method in a Step
 - o Step Time
 - o Normal Synchronous Step
 - o Start Step
 - o End Step
- Creating Workflows
- Running Workflows
 - o Assigning Workflows to Samples
 - o Starting Workflows
 - o Start Queueing
 - o Stop Queueing
 - o Pause Operation
- Extending Workflows
- Skipping Steps

5 Operation

- Adding Samples and Consumables
- Removing Samples and Consumables
- Adding Workflows to Samples
- Status Information of Samples and Consumables
- Extending Workflows

6 Error Recovery

- Error of a Sample
 - o Wrong Weight
 - Wrong aspiration height, liquid detection not working correctly (foam?), air in tubes, solvent level too low.
- Recovery After the System Aborted
 - Bad teaching

7 Data Storage and Organization

- Methods
- Workflows
- Chromatographic Methods
- Organization by Project & Sample

8 Maintenance

- Cleaning
- Changing Needles
- Changing Filters / Diaphragms
- Cleaning the Extraction Module
- Teaching