

AccuPORE CFP[®]

CAPILLARY FLOW POROMETER



OPERATOR TRAINING CHECKLIST

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(Rev A)

MICROMERITICS CORPORATE PROFILE

Micromeritics is the global leader in analytical instrumentation for the physical characterization of particles, powders, and porous materials. Our advanced technologies provide precise measurement of density, surface area, porosity, activity, and powder flow, supporting research, product development, and quality control. Serving industries like materials science, chemicals, energy, and natural resources, our instruments enable critical advancements in fields such as battery materials, hydrogen economy, and carbon capture. Founded in 1962, Micromeritics operates globally with over 15,000 instruments in daily use, delivering expert support and cutting-edge solutions from our U.S. headquarters and international locations. For more information, please visit www.micromeritics.com.

PATENTS

For patent information, visit www.Micromeritics.com/patents.

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AccuPore CFP Declaration of Conformity - EU	<i>DoC - 1</i>
AccuPore CFP Declaration of Conformity - UK	<i>DoC - 2</i>

1. OVERVIEW

This document contains a checklist to be used for training of AccuPore CFP system operators in standard and 21 CFR Part 11 (Confirm) environments (if applicable). In each of the sections, place a check mark next to the items that were shown and discussed.

2. ORIENTATION

ALL USERS

- _____ 1. General safety
- _____ 2. Operator Manual table of contents and appendices
- _____ 3. Manual organization and conventions
- _____ 4. Equipment description
- _____ 5. Power up and power down sequence
- _____ 6. Instrument and cable connections
- _____ 7. Gas connections
- _____ 8. Purging of gas lines
- _____ 9. Front and rear panel components
- _____ 10. Sample chamber
- _____ 11. Regulator setting
- _____ 12. Calculations and error messages document location

SOFTWARE APPLICATION

- _____ 1. Menu structure
- _____ 2. Software usage topics
- _____ 3. Trainee allowed time to become familiar with software application
- _____ 4. Online operator manual

3. SOFTWARE USERS

ANALYSIS PREPARATION

- _____ 1. Prepare and load a sample
- _____ 2. Select an analysis Method.
- _____ 3. Configure Method parameters.
- _____ 4. Add and delete a Method.

SAMPLE ANALYSIS

- _____ 1. Start analysis (experiment).
- _____ 2. Review analysis results.

RECORDS

- _____ 1. Review results (Porometry, Distribution and Results).
- _____ 2. Print results.
- _____ 3. Export results.
- _____ 4. Edit Method configuration details.

SETTINGS MENU

- _____ 1. Verify and edit **General** information.
- _____ 2. Set **Time** parameters.
- _____ 3. Add and delete a **Method**.
- _____ 4. Perform **Operations** (Leak Test and Depressurize System)
- _____ 5. Configure **Presets** (Fluid, Sample Shape and Pore Shape),
- _____ 6. Configure **Display** options.
- _____ 7. Configure **Communications** options (TCP/IP, Export and Printer)

HELP MENU

- _____ 1. Review About information.
- _____ 2. Review Tips.
- _____ 3. Watch Videos.
- _____ 4. View, Print

4. TROUBLESHOOTING AND MAINTENANCE

- _____ 1. Safe Servicing
- _____ 2. Power including Powering Instrument On/Off and Recovering from Power Failure
- _____ 3. Air Compressor Connection
- _____ 4. Connecting Gases
- _____ 5. Cleaning the Porometer

5. RETURNED GOODS AND PARTS ORDERING

- _____ 1. Returned goods policy
- _____ 2. Parts and accessories

6. WARRANTY STATEMENT

- _____ 1. Warranty policy

8. VERIFICATION

_____ All items on the Operator Training Checklist completed? (Enter **Yes** or **No**)

Name of trainer: _____

Date of training: _____

Company address: _____

Analyzer name: _____

Analyzer serial number: _____

The following section is to be completed by the primary operator trained during this session.
Please complete to acknowledge that installation training has been carried out to your satisfaction.

Operator verifying completion of training: _____

Date signed: _____

Operator's title: _____

Operator's phone number: _____



EU DECLARATION OF CONFORMITY

This declaration of conformity is issued under the sole responsibility of the manufacturer:

Micromeritics Instrument Corporation
4356 Communications Drive
Norcross, GA 30093, USA

Hereby declares that the product:

AccuPore CFP

is in conformity with the following **EU harmonization legislation**:

2014/35/EU - LVD Directive
2014/30/EU - EMC Directive
2011/65/EU - RoHS Directive

and that the equipment is in conformity with the following harmonized and other appropriate standards;

2014/35/EU (LVD)

IEC 61010-1:2010/AMD:2016 - *Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 1: General requirements.*

IEC 61010-2-081:2019 – *Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes.*

2014/30/EU (EMC)

IEC 61326-1:2020 Ed.3 - *Electrical equipment for measurement, control and laboratory use — EMC requirements — Part 1: General requirements*

IEC 61000-3-2:2018 /AMD1:2020 - *Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)*

IEC 61000-3-3:2013 - *Part 3-3: Limits — Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection*

2011/65/EU (RoHS)

EN 63000:2018 - *Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances*

Name: John McCaffrey, Ph.D.

Title: Vice President, R & D

Signature: _____

Date of issue: 08/19/2024

Location: Norcross, GA USA



UK DECLARATION OF CONFORMITY

This declaration of conformity is issued under the sole responsibility of the manufacturer:

Micromeritics Instrument Corporation
4356 Communications Drive
Norcross, GA 30093, USA

Hereby declares that the product:

AccuPore CFP

is in conformity with the following UK legislation:

Electrical Equipment (Safety) Regulations 2016
Electromagnetic Compatibility Regulations 2016
Restriction of the Use of Certain Hazardous Substances in E&E Equipment Regulations 2012

and that the equipment is in conformity with the following designated and other appropriate standards;

Electrical Equipment (Safety) Regulations 2016

IEC 61010-1:2010/AMD1:2016 - *Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 1: General requirements.*

IEC 61010-2-081:2019 – *Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes.*

Electromagnetic Compatibility Regulations 2016

IEC 61326-1:2020 - *Electrical equipment for measurement, control and laboratory use — EMC requirements — Part 1: General requirements*

IEC 61000-3-2:2019 - *Part 3-2: Limits — Limits for harmonic current emissions (equipment input current \leq 16 A per phase)*

IEC 61000-3-3:2013 - *Part 3-3: Limits — Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current \leq 16 A per phase and not subject to conditional connection*

Restriction of the Use of Certain Hazardous Substances in E&E Equipment Regulations 2012

EN 63000:2018 - *Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances*

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