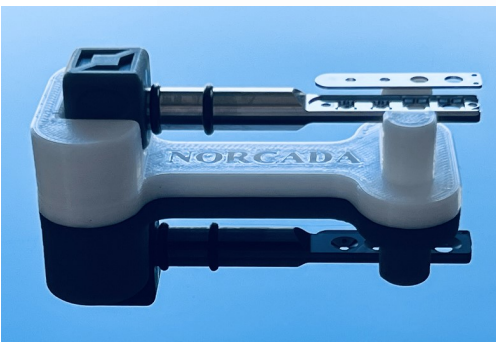
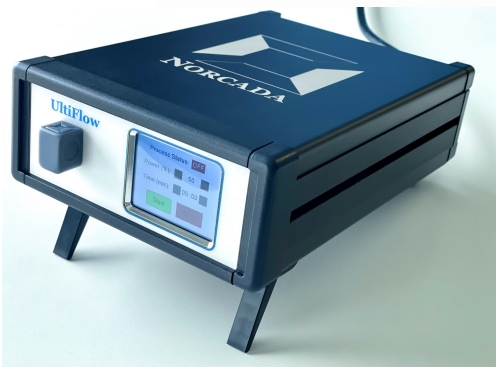


NORCADA UltiFlow

NORCADA UltiFlow (UFL-2000) is a lab-based bench-top instrument that enables surface preparation for your desired NanoPore, nanofluidics, and in-situ microscopy applications within minutes.

UltiFlow provides you with an ultra clean surface using a tailored light spectrum that activates and hydrophilizes the surface. Having activated oxygen as part of the process, the unit creates clean and wettable surfaces that can last up to one hour after each application.



Applications

- Surface activation of features without plasma or chemical exposure
- Hydrophilization and cleaning of NanoPores, surface electrodes and fluidics
- MEMS in-situ microscopy device cleaning and surface preparation
- 2D Materials cleaning and surface modification
- Cleaning AFM probes and AFM/SPM samples
- Sample cleaning for TEM, SEM, XPS and ToF-SIMS
- Compatible with: Silicon, Glass, Quartz, Mica, Sapphire, Most Metals, Ceramics, Silicones including PDMS, and Most Plastics.

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www.norcada.com



+1 780 431-9637



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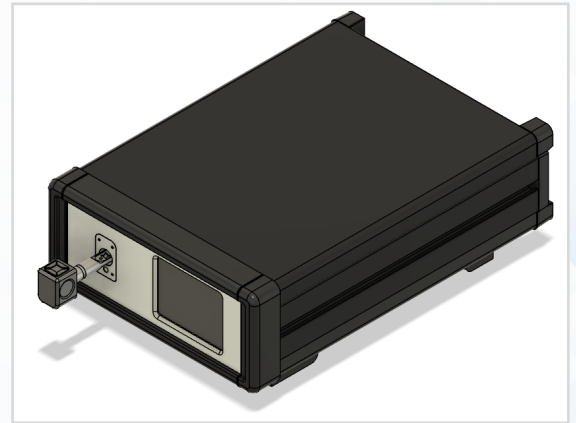
info@norcada.com



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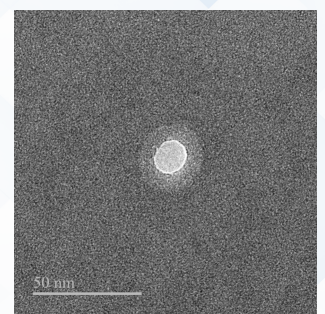
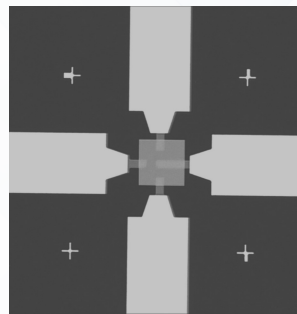
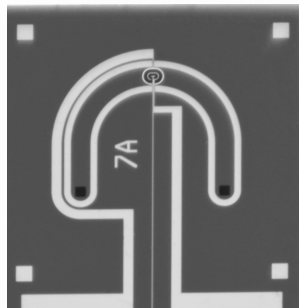
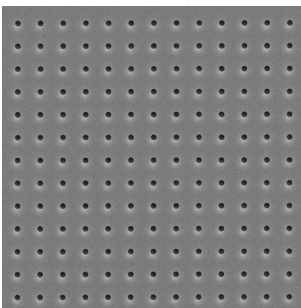
Device Specifications

Dimensions	250mm x 160mm x 85mm
Weight	1.9 Kg
Interface	Bright Touch Screen Display Simple to use interface Includes accessory stylus
Power	110/240 V standard 1 Phase US, EU, UK, Asia, Oceania
Chip Tray Holder	Chip Tray with 2 to 6 sample pockets Fits all Norcada membrane & MEMS chips Norcada TEM grid compatibility Sterile by design with a secure lid
Run Time	Typically 5 to 30 minutes per sample set
Light Source Estimated Life	5000 hours
Warranty	1 year parts and labour, 2000 hours
Safety	Hardware and Circuit Interlock Tested Hazardous Gas & Radiation Free CSA Approved Power System RoHS and REACH compliant



Unique Features

- Bench-top operation
- Alternative tray types available
- Customizable Chip Tray Holder Platform
- No plasma source or chemicals required
- Various chip size compatibility
- Compatible with most materials
- Atomically clean surfaces
- No sample heating needed
- Vacuum environment not required
- No need for special gases



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