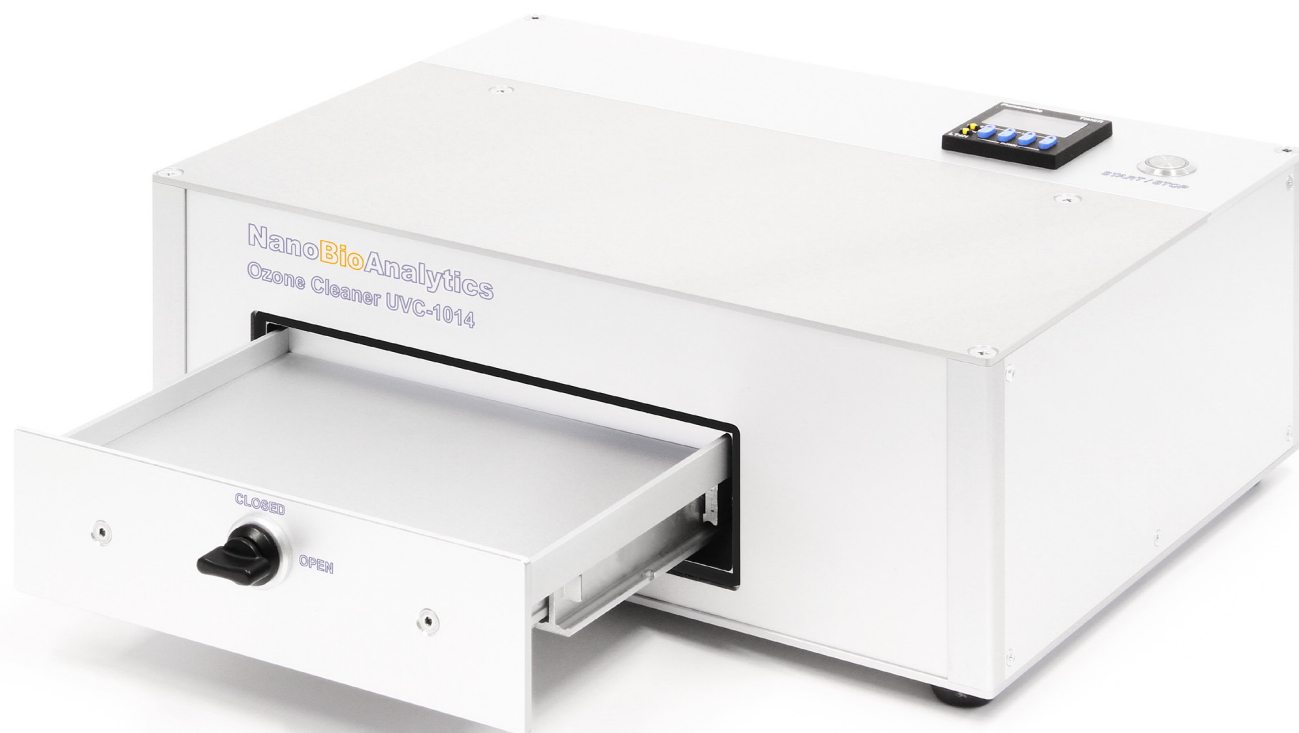


UV Ozone Cleaner UVC-1014

*Highly functional benchtop system
for Surface Cleaning
& Oxidation*



NanoBioAnalytics
The *Art* of Microscopic Sensing

UV Ozone Cleaner UVC-1014

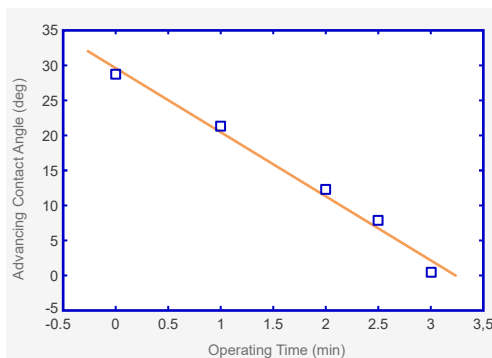
*Highly functional benchtop system
for Surface Cleaning
& Oxidation*



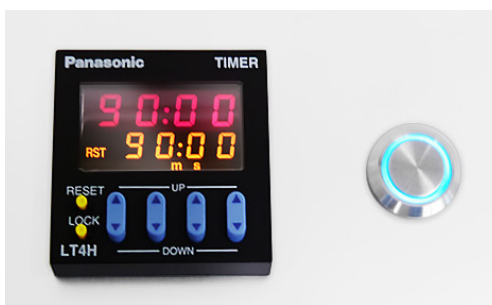
NanoBioAnalytics

Key Features

Applications



- ✓ Low Pressure UVC lamp
 - Input power 20 Watts
 - Optical output power 4 Watts @ 254 nm
 - Arc length 200 mm



- ✓ Programmable timer
 - Range 1s .. 100min
 - Step width 1s
 - Other range/step width combinations upon request



- ✓ Manual sample stage
 - Fully extendable drawer
 - Two height levels for optimal sample positioning
 - Large total volume of 188 x 134 x 46 mm³ (w x d x h)



- Optional gas inlets for process gas supply

Removal of Organic Contamination

- ✓ Cleaning of sensor substrates, e.g. prior to chemical functionalization (e.g., thiolization, silanization)
 - Au surfaces (SPR chips)
 - Quartz crystals
 - Optical components
- ✓ Cleaning of surface probes
 - AFM tips
 - STM tips



Surface Oxidation / Hydrophilization

- ✓ Wetting
 - Homogeneous distribution of colloidal solutions
 - Microfluidics
- ✓ Chemical activation
 - Polymer / glass bonding
 - Silanization



Sterilization / Bacterial Decontamination

- Petri dishes
- Well plates
- Object slides
- Tools for handling

