NIN-PRO-90

FINGERPRINT DEVELOPMENT CHAMBER

- an efficient and easy to use diazafluoren, indandione and ninhydrin development chamber -

FUME CARE

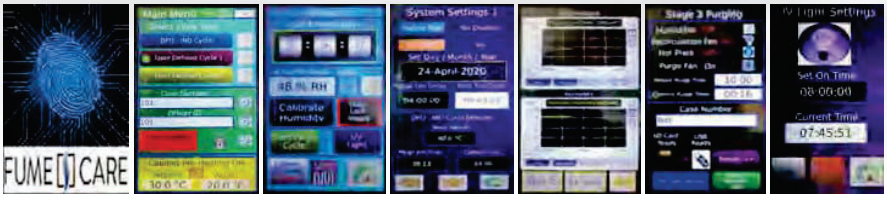
FUME CARE

NIN-PRO-90 FINGERPRINT DEVELOPMENT CHAMBER

The NIN-PRO Fingerprint Development Chamber is designed to accelerate Diazafluoren, Indandione and Ninhydrin processing. These related fingerprint processes are used for porous surfaces. Prints are detected at a faster rate and with better clarity by means of precise control of the temperature and relative humidity conditions. The Fumecare NIN-PRO cabinet demonstrated the ability to produce well defined prints at lower temperatures as well as lower humidity during trials.

Diazafluoren, Indandione and Ninhydrin fuming are the most effective techniques for detecting latent prints on paper and similar porous surfaces. Although the NIN-PRO cabinet performs well with DFO, IND and NIN it is not limited in scope and can also utilize other chemical developers, allowing illumination with various lasers and light sources to make the resulting prints become fluorescent.

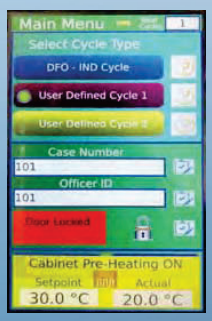
The PLC+HMI Touchscreen with 24Vdc digital input and anolog output allows for easy setting of all parameters. A USB data port is fitted for data logging and also an Ethernet port for remote monitoring. The system has the facility to store user preferred run programmes plus standard cycles.



SPECIFICATION

Catalogue No. NIN-PRO-90	Nin-Pro Fingerprint Development Chamber
Dimensions (WxDxH), mm	900 x 720 x 1950
Approx. Internal Dimension, mm	820w x 640d x 1550h
Purge Airflow (m3/hr)	250m3/Hr
Carbon Filter	1
Electrical Supply Noise (dBA)	Single Phase 230v 50Hz 16 Amp <55
Switches	Mains On/Off and Light On/Off
Monitoring	Touchscreen Display
Lighting Extraction	White LED Light or optional UV Light Carbon Filter with Low Noise Centrifugal Fan
Construction	White Epoxy Powder Coated Steel, Laminated Safety Glass
Temperature Range:	Temperature Range 40 to 100 Degrees C (Programmable)
Temperature Control:	Temperature Control +/- 5 Degrees C
Humidity Range:	Humidity Range 40 to 80%RH up to 80C (Programmable)
Humidity Control:	Humidity Control: +/- 3%RH

CONTROL PANEL



FILTERS

Catalogue No	Description
CA-001	Carbon FIlter
CA-PRF	Pre-FIlter

ACCESSORIES

Catalogue No	Description
CA-RH HT Sensor	Replacement High Temperature RH Sensor
CA-60 UV Light	UV Light for de-contamination (2 Req)

UK DESIGN AND MANUFACTURE

Designed and built in our Merseyside ISO 9001 accredited facility.

www.fumecare.com office@fumecare.com Tel: 01704 833093 FAX: 01704 831133 Suite 8 Jubilee House, Altcar Road, Formby, Liverpool. L37 8DL