



ID SERIES

Identicoat Forensic Coaters

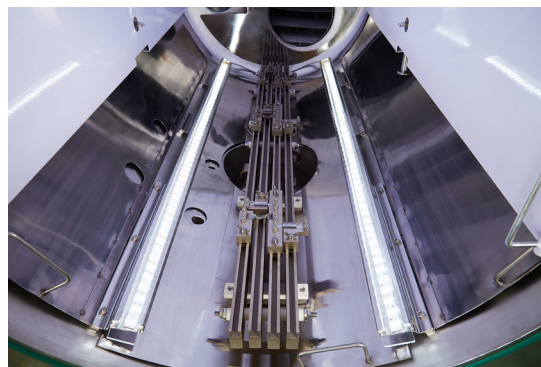


HHV's ID 500 and ID 750 identicoat series of coaters are specially designed for the development of fingermarks in forensic laboratories. The Identicoat 500 is a compact and economical system designed for research applications and for use for small volume samples. Identicoat 750 is designed for the rapid processing of larger batch quantities of evidence in regional or national forensic laboratories. Both systems utilise the proven VMD (Vacuum Metal Deposition) technique which was developed for the detection of fingermarks on difficult substrates such as plastic bags and sheeting.

CHAMBER CONFIGURATIONS



ID 750 overall view



Internal view showing LT sources, easy positioning busbars, and LED lighting strips



Easy holding sample hood



ID 500 overall view



Internal view



ID 500 front view

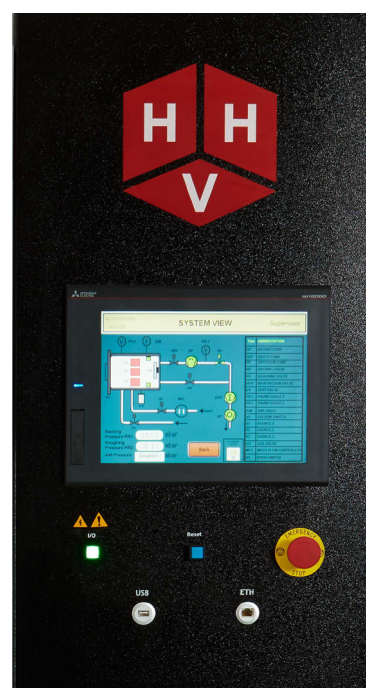
SPECIFICATIONS

CHAMBER SIZE	ID 500 : Cylindrical chamber: 460 mm (Ø) x 620 mm (depth) ID 750 : Cylindrical chamber: 750 mm (Ø) x 1250 mm (depth)
HV PUMPING OPTIONS	Diffusion/ Cryo pump. Poly cold option
ROUGHING/BACKING OPTIONS	Rotary pump/Rotary + Roots Pump
BASE PRESSURE	10 ⁻⁵ mbar
SUBSTRATE SIZE	ID 500: flexible plastic sheet evidence up to 720 mm x 560 mm ID 750 : flexible plastic sheet evidence up to 1200 mm x 1200 mm
SUBSTRATE HOLDER	Semi cylindrical with tilting options (45°, 90°, 135°, 180°)

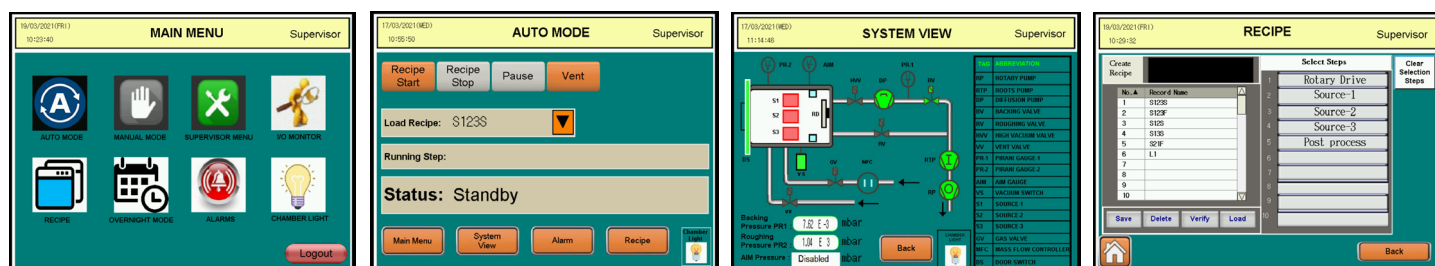
CONTROL OPTIONS



Manual operation



Auto operation



Auto mode options

FEATURES

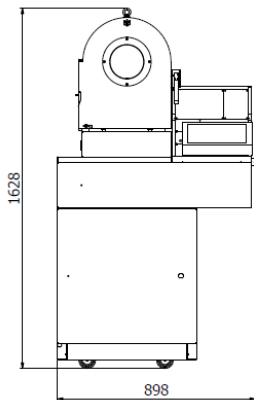
- Rugged and proven design
- Easy access vacuum pumping station
- One touch operation for ID 750
- Automated vacuum cycle for ID 500
- Remote access for support and trouble shooting
- Fully interlocked for operator and machine safety

APPLICATIONS

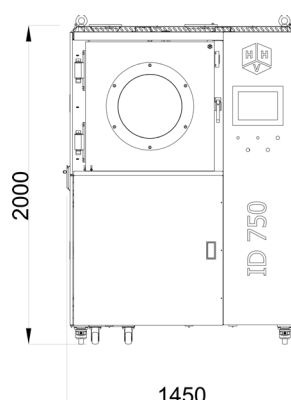
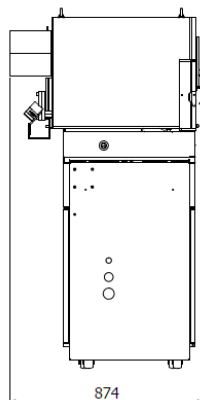


- Fingerprint development for forensic laboratories

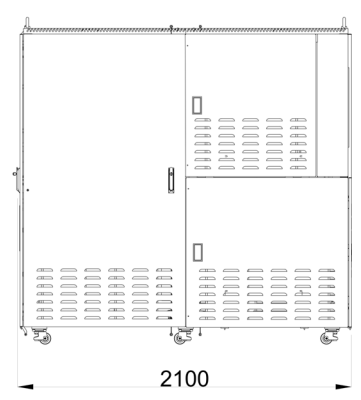
LAYOUT



ID 500



ID 750



All dimensions in mm



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