

***noselab* ats**
ADVANCED TESTING SOLUTIONS

LABORATORY INSTRUMENTATION FOR RESEARCH AND INDUSTRY

ENG · 



SINCE 1984



MADE IN
ITALY



www.noselab-ats.com

PRECISION INNOVATION CUSTOMIZATION CERTIFICATION RELIABILITY R&D

Noselab ATS is a modern company distinguished by its professionalism, creativity, and commitment in developing services and products for the various industrial sectors involved in laboratory testing.

With more than thirty years of experience in instrumentation and materials analysis, the company develops advanced testing solutions for **plastics and rubber**.

Fire reaction and material characterization, in compliance with major international standards including ISO, ASTM, DIN and UL.

HDT-VICAT MX6

THERMAL CHARACTERIZATION SYSTEMS FOR PLASTICS AND POLYMER MATERIALS.

- 3 or 6 station configuration
- Touch screen TFT interface
- Accuracy better than 0.01 mm
- Working temperature up to 300°C
- Automatic thermal stabilization
- Integrated heating and cooling system



Temperature range

Ambient → 300°C

Resolution

0.01 mm

Stations

3 or 6

Cooling system

Forced circulation

ASTM D648

ASTM D1525

ISO 75-1 / 75-2

DIN 53460 / 53461

DENSITY GRADIENT COLUMN

OPTICAL DENSITY MEASUREMENT SYSTEM FOR PLASTICS AND SOLID MATERIALS.

- 2 or 3 column configuration
- The only one apparatus to have a micro camera to be able to observing anywhere in the columns
- Two-axis guides XY, on the X axis (horizontally) is free movement, to move the camera manually to the right and left.
- A system of sensors, indicates to the control system during measurement, on which column it is placed
- High-resolution optical reading
- 9" touch screen interface

Density range

0.8500 → 2.3000 g/cm³

Accuracy

0.0001 g/cm³

Temperature control

18 → 27°C

Working temperature

23°C



ASTM D1505
ISO 1183
DIN 53479

MeP FOR MVR – MFR

AUTOMATED MELT FLOW TESTING SYSTEM FOR THERMOPLASTIC MATERIALS.

- Touch screen interface color LCD
- Automated MVR / MFR analysis
- Integrated microprocessor control
- PID thermal regulation
- Automatic cutting system
- 28 programmable test conditions
- Tilting oven to facilitate cleaning of the chamber

Temperature range

80 → 400°C

Thermal stability

± 0.2°C



ASTM D1238 Meth.
ASTM A-B D2116 D3159 D3364
ISO 1133
UNI 5640

IMPACT PENDULUM 15 / 25 / 50 J

ADVANCED IMPACT TESTING SYSTEM FOR PLASTICS AND POLYMER MATERIALS.

- Charpy, Izod and Tensile impact testing
- 7" touch screen interface
- Automatic impact energy calculation
- Electronic levelling system
- Integrated safety protections
- Automatic ascent angle detection
- Statistical analysis and data storage
- USB connection for PC integration
- Basic shoulders can sustain different samples size
- Multilanguage data display and data settings
- Option to vary the hammer falling angle and the impact speed

Impact energy

15 J / 25 J / 50 J

Data storage

Up to thousands of tests



ASTM D256
ASTM D6110
ISO 179
ISO 180
ISO 8256 / DIN 51222

Fire testing, flammability, smoke density, heat release, combustion behaviour

ED01 – UL 94

ADVANCED FLAMMABILITY TESTING SYSTEM FOR PLASTIC MATERIALS

- Horizontal and vertical flame testing
- Touch screen control interface
- Integrated methane gas control
- Automatic flame timing system
- Flame temperature monitoring
- Smoke exhaust system

Chamber volume
1 m³

UL 94
ASTM D635
ASTM D3801

ASTM D4986
ISO 1210
ISO 9772



EB05 GLOW-WIRE APPARATUS

THE BEST METHOD FOR TESTING ELECTRO TECHNICAL PRODUCTS WITH REGARD TO FIRE HAZARD IS TO DUPLICATE EXACTLY THE CONDITIONS OCCURRING IN PRACTICE

- Motor-driven specimen carriage
- Touch screen control interface
- Programmable test sequence
- Wire temperature monitoring
- Automatic specimen positioning
- Integrated safety protection system

Maximum temperature
960°C

IEC 60695-2-10
IEC 60695-2-11

IEC 60695-2-12
IEC 60695-2-13
VDE 0471



EA04 LIMITED OXYGEN INDEX

ASSESSMENT THE MINIMUM CONCENTRATION OF OXYGEN THAT SUPPORTS FLAMING COMBUSTION IN A FLOWING MIXTURE OF OXYGEN AND NITROGEN

- Automatic flow control
- 7" touch screen interface
- Paramagnetic oxygen detection
- Automatic calibration system
- Mass flow regulation
- USB output for PC integration

O₂ accuracy
< 0.1%

Software
Testing date and final report

ASTM D2863
ISO 4589-2

