AUTOMATIC DYEING MACHINE - *STATIC TYPE*

LODO HT



Ideal for small samples of yarn cones, bulk fibers, fabric beams and yarn skeins.
Different configurations of automation levels are available to increase dyeing REPEATABILITY to reach the highest possible Right First Time (RFT).

Technical features:

- 3 VERSIONS available: MANUAL - STANDARD automation - FULL automation
- 2, 3 or 6 INDEPENDENT UNITS of 1300 cc capacity
- atmospheric and high temperature dyeing (max +135°C)
- variable liquor ratio: from 1:30 down to 1:5 (depending on specimen type)
- with programmable and user-friendly PLC microprocessor with touch screen display - up to 50 programs memory capacity
- MADE IN ITALY with highest quality standards, safety features and low environment impact.
- each DYEING UNIT is equipped with:
  - automatic continuous washing system and drain of the dyeing bath
  - reversible circulation pump (to allow bath flow from the inside-outside, and vice versa)
  - safety thermostat, as per CE norms
  - high quality thermal insulation system (to save power and enable faster temperature increase)
  - automatic indirect water cooling system by means of an electro valve

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LODO HT

Available standard configuration:

LODO HT 1300 cc, 2 dyeing positions, code 323P6.330

LODO HT 1300 cc, 3 dyeing positions, code 323P6.332

LODO HT 1300 cc, 6 dyeing positions, code 323P6.338

Optional accessories:

For ALL versions:

Different **sample holders** available on request, for:
Bulk Fibers code 323P6.314, **Yarn skeins** code 323P6.316, **Yarn Cones** code 323P6.318, **Fabric on Beam** code 323P6.320
(one holder per tank is included - to select)

For the MANUAL version:

- **Injector**, code 323P6.302 - for manual dosing (one per each dyeing unit is required).
- **Dosing syringe**, code 323P6.304 - for manual introduction of auxiliaries (one for all the units).

For the STANDARD AUTOMATION version:

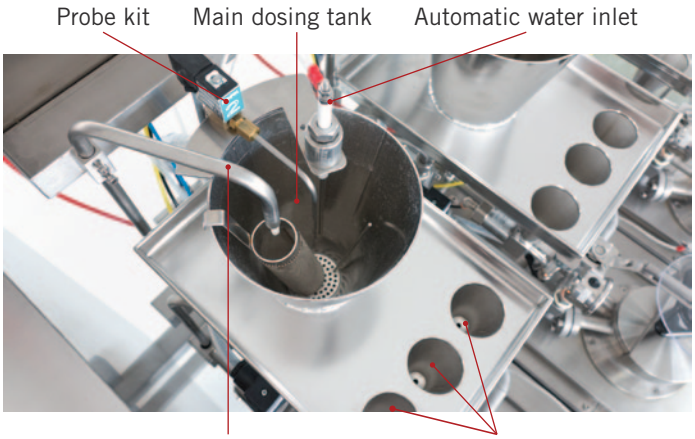
- Automatic built-in dosing device: **1 main tank of 1200 cc + 3 tanks of 45 cc each**, D-1, D-2, D-3 dosing pumps (one per unit required), code 323P6.306.
- **Dyebath recycling Kit**, code 323P6.308 (for the main dosing tank) For a better color and salt dilution in the dyeing bath and for the collection of a bath sample (one per unit required).
- **Probe Kit**, code 323P6.352 (for the main dosing tank). To check inlet water level, it allows the automatic inlet of a pre-set quantity of water (one per unit required).

For the FULL AUTOMATION version:

- **Extra Pump D-4 Dosing Kit**, code 323P6.310 (one per dyeing unit): to operate LODO HT without any operator attendance.
- **Extra Pump D-5 Dosing Kit**, code 323P6.312 (one per dyeing unit): recommended when the sole Extra Pump D-4 Dosing Kit is not enough.

Lodo can anyhow work in the “all in” version (without any dosing feature), without the need of any manual or automatic optional accessories.





POWER SUPPLY

Power supply: 400 Vac, 50 Hz, three-phase + N
Air requirement: MINIMUM 6 Bar air pressure
Inlet water: 3 Bar Min., 5 Bar Max.

Photographs and descriptions of the present leaflet have to be considered as purely indicative and not binding

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ACIMIT ITALIAN TEXTILE MACHINERY

MANAGEMENT SYSTEM CERTIFICATION DNV ISO 9001 · ISO 14001