

C. JUVER, s.l.

MICRO-LAB



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MICRO LAB is a laboratory dyeing equipment, essential in the tests achievements that require the highest quality in its industrial reproduction.



Its parameters controlled with high technology allow obtaining optimal results in terms of reproduction of shades, exhaustion, identical dyeing bath relations, same heating gradients, cooling and dwell time that later will have in the industrial stage.

Composed of two independent tanks, it carries out tests simultaneously at different temperatures. The reliability of the results immediately is translated into a decrease in the shading in the machine, which entails an economical saving. Thanks to its easy handling it can be used in a high amount of tests every day.

Taking the high quality requirements that the current market demands for into consideration, **MICRO LAB** is a very useful tool for its attainment in investigation laboratories, colouring manufacturers, auxiliary products and textile dyehouses.

The control is carried out by two programmers totally independent:

- 50 programmes for each tank
- 30 steps for each program
- Alphanumeric and back-lighted display
- Execution memory in case of electrical fault

- Easy programming, using the dyeing lexicon
- Refrigeration through the water and heating through resistors
- Proximity detector on the stop, for an easy access to the test tubes

TECHNICAL SPECIFICATIONS

Material of the tanks:	INOX. AISI 316
Material of the test tubes:	INOX. AISI 316
Thermic liquid:	Polietilenglicol 400
Tank capacity:	15 litres
Motor r.p.m.:	1450
Maximum work temperature:	130°C
Maximum heating gradient:	4°C/min
Refrigeration water pressure:	Maximum: 7 kgr/cm2 Minimum: 2 kgr/cm2
Electric power for each tank:	4 Kw

TECHNICAL FEATURES

- Supply tension: 220V. 50 Hz.
- Network filter incorporated
- Measurement range: 0°C-160°C
- Precision +/- 0,1°C
- 1 Entry PT-100
- 1 Analogical exit 4-20mA
- 6 Digital entries
- 8 digital exits
- Series communication

