Portable equipment for fast, easy and efficient extraction on textile samples, with no damage on material (sample or fully fashioned textile). Allows evaluation of pH, salts, formaldehyde, detergents, peroxide, iron, sugar on cotton, size and other chemical residuals, beside was fastness test. Extraction temperature, time and cycles are programmable.
Equipment was tested and approved in several institutes, universities and in the textile industry, for different kind of trials, as quality control of raw material used in production, as well as final consumer articles, including ecologic articles, etc.

**Technical Data:**

- **Height**: 264 mm
- **Width**: 210 mm
- **Length**: 464 mm
- **Weight**: 11 Kg
- **Power supply**: 110 or 220 V
- **Maximum temperature**: 100°C (programmable)
- **Extraction time**: 30s - 16 min (programmable)
- **Extraction quantity**: 5 ml per cycle

*Other type available, bench model, called MORAPEX S, which works with higher temperatures (up to 150°C), with several solvents, acid and alkali, for wider application field.*

**Accessories:**

- **Analysis kit**
- **Detergent analysis**

Used for qualitative and quantitative analysis on resulting extraction liquid, with evaluation regarding the textile sample weight, with constant extraction sample area of 81mm diameter, offering:

- Information ref. residual product contamination, by means of fast trials, as for example, pH measurement (using indicator paper, pH-meter.).
- Indication of residual salts, through determination of ions by conductivity measurements.
- Evaluation of washing effects, of desizing, mercerizing, neutralization, bleaching, dyeing, printing and other.
- Formaldehyde, detergent, and other chemical residual analysis.
- Wash fastness tests.

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