

# LABORATORY EQUIPMENTS



Made in EU

**Pegasil**<sup>®</sup> by **ZIPOR**



---

Shoe lace abrasion machine with 6 stations

**EL-36/6**

**Standards:** SATRA TM93 ; BS 5131:3.6

**Commercial Services:**  
Tel.: +351.256 831 411  
Fax: +351.256 831 412

**ZIPOR** - Equipamentos e Tecnologia Industrial, S.A.

email: [pegasil@zipor.com](mailto:pegasil@zipor.com)

**Technical Services:**  
Tel.: +351.256 888 240  
Fax: +351.256 888 121

# LABORATORY EQUIPMENTS

## Shoe lace abrasion machine with 6 stations

### DESCRIPTION:

This method utilises a standard eyelet mounted on a rigid board and the lace to be tested. Laces should be stored in a standard controlled atmosphere for at least 48 hours before testing. The equipment has six stations for testing laces. Eyelets affixed to rigid boards are placed in the holders provided. One end of the lace to be tested is clamped in a carrier and the other end is passed through the eyelet and then fixed to a weight capable of applying a tensioning force of 4.46N to the lace. The machine moves each lace a distance of 75mm through the eyelet at 100 cycles per minute. The movement of the carrier causes the lace to rub in the eyelet. Separate counters are provided for each of the six test stations and the count is stopped when a lace breaks. When the last lace breaks, the machine will automatically shut down. The machine is provided with hand control for ease of setting and is fully guarded to comply with European Health and Safety requirements.

This machine can be used to test eyelets against standard shoelaces or alternatively shoelaces against standard eyelets.

### Supplied with:

.Operating instructions ; conformity / calibration certificate

### Standards:

SATRA TM93 ; BS 5131:3.6

### Power Consumption:

400 W

### Noise:

62 db

### Power Supply:

230 V.AC - 50/60 Hz

### Commercial Services:

Tel.: +351.256 831 411

Fax: +351.256 831 412

**ZIPOR** - Equipamentos e Tecnologia Industrial, S.A.

email: [pegasil@zipor.com](mailto:pegasil@zipor.com)

### Technical Services:

Tel.: +351.256 888 240

Fax: +351.256 888 121