

QUALITY CONTROL EQUIPMENT

1. OBLIGATORY FOR ORDINARY LAMINATED WINDSCREENS

- a. Dropping tower, max. dropping height 12 m or 9m, for 300 x 300 mm glass support.
- b. Small ball 227 gr (2.1.1.1.)
- c. Large ball 2.260 gr (2.2.1.1.)
- d. Support for 500 x 1100 mm testpiece (3.3.1.)
- e. Support for 300 x 300 mm testpiece (2.1.1.3.)
- f. Headform (3.1.1.)
 - covers
- g. Supports for different windscreens (headform test)
- h. Light transmission meter, strictly in accordance with and EU norm (9.1.1.1.)
L 129/31, par. 9, optical qualities, published 14.05.1992.
- i. Warm box + 40 degr. C
- j. Deepfreezer - 20 degr. C
- k. Boiling kettle (5.1)
- l. Standard projector m. Stand for projector
- n. Slide (9.2.1.2.2.)
- o. Double image test light source (9.3.1.1.1.)
- p. White wall or board, distance 8 m between the board and projector stand.
- q. Variable angle windscreen support for optical tests. r. Thickness meter
- s. Infrared thermometer
- t. Humidity and ambient temperature meter u. Precision scale 0 - 200 gr. / accuracy 0.1 gr.

2. OPTIONAL EQUIPMENT FOR LAMINATED WINDSCREENS

The equipment for the following tests is NOT obligatory. These tests can be performed in the accredited laboratory.

- 01. Resistance to humidity
- 02. Resistance to radiation
- 03. Resistance to abrasion

Equipment not specified by the regulation :

- 04. PVB humidity meter
- 05. PVB humidity meter and thickness meter with calibration computer.
- 06. Baking test oven 40°-250 °C
 - can replace boiling kettle k) and warm box l)

3. OBLIGATORY EQUIPMENT FOR TEMPERED GLASS

- T1 Digital camera to store results
- T2 Breaking tool
- T3 Plastic tape and suitable large thick cloth.

Obligatory testing equipment is used for continuous testing to monitor the conformity of the production. If you do not have all necessary equipment and you find it difficult to acquire it locally, we shall be glad to submit you a quotation for the needed equipment.

4. DOT SPECIAL EQUIPMENT

- D1 Dart
- D2 Shot bag