

Product description

The marking-off machine allows quick and easy marking of specimens, before being subjected to tensile test, by engraving permanent reference marks to define the original base length (L_0). At the end of the tensile test, by matching the two halves of the specimen, it will be possible to calculate the elongation at failure load and, if necessary, the Agt by manual method.



Product features

The unit consists of a burin-holding roller and a pair of workpiece clamping jaws, operated manually by means of a hand crank or by a motor in the motorized version.

The burins arranged along the roller and a sliding device in the base allow markings to be made at a selectable distance of multiples of 5 mm, from 5 to 20 mm, equidistant from each other.

Technical features

Models	SP500	SP500E
Total marking length	500 mm	500 mm
Marking steps	5,10,20 mm	
Marking accuracy	0,5%	
Application range	Specimen diameter / thickness: from 4 to 50 mm	
Dimensions and weight	725 x 300 x 300 mm, 60 kg	900 x 470 x 400 mm, 90 kg
Power supply	--	380V / 50 Hz 3 phases



Models

- M04000A01 Manual Marker.
- M04000E01 Motorized Marker
- P04001001 Pack of n. 26 spare indenters.



Manual Marker

Each marker consists of a shaped handle and two burins at a predetermined distance from each other.

By placing the tips of the burins on the specimen, and hitting the handle (short upper side), it is possible to mark the shaped specimen.

Different markers are available for different original gage lengths.



Models of manual marker

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| V04050101 - Marker gage length 16 mm. | V04050201 - Marker gage length 20 mm. |
| V04050301 - Marker gage length 24 mm. | V04050401 - Marker gage length 25 mm. |
| V04050501 - Marker gage length 30 mm. | V04050601 - Marker gage length 35 mm. |
| V04050701 - Marker gage length 36 mm. | V04050801 - Marker gage length 40 mm. |
| V04050901 - Marker gage length 45 mm. | V04051001 - Marker gage length 50 mm. |
| V04051101 - Marker gage length 55 mm. | V04051201 - Marker gage length 60 mm. |
| V04051601 - Marker gage length 62,50 mm. | V04051301 - Marker gage length 65 mm. |
| V04051401 - Marker gage length 70 mm. | V04051501 - Marker gage length 75 mm. |

More gage lengths available on request

