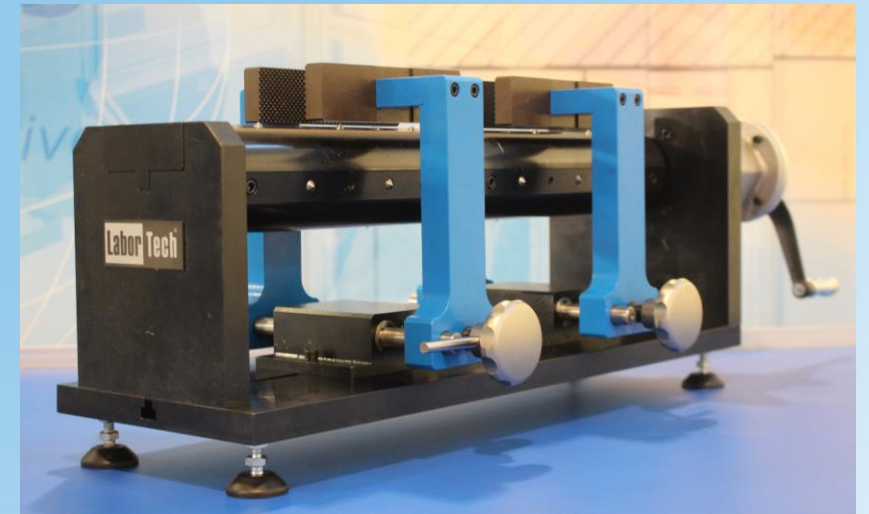


... from development to
implementation

Labor Tech[®]

Production of materials testing equipment and automation

Testing accessory
Device for specimen
preparation - series EMS



Made in Czech Republic

Labor Tech

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Basic description and function

Specimen preparation device series EMS specially designed for marking the exact distances from the tensile specimens to measure the elongation of specimen fracture, unless an extensometer is used for measuring until complete rupture. Since it uses a precise engraving tip (comma thickness 0.02 to 0.05 millimeters) for marking, there is no distortion nor any influence of test results due to poor visual readings dimensions by the operator.

Main advantages

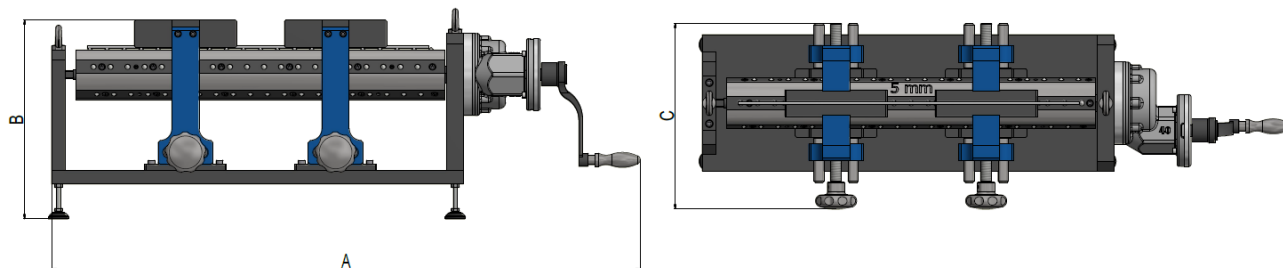
- Flexible stamping of the engraving marking needle with a long service life ensures a guaranteed uniform marking and division with a scale accuracy of 0.1 mm.
- Simple and precise insertion of specimens into the device including clamping using two (in most cases) clamping handles.
- The tab surface of the handles allows the specimen to be 100% held to prevent any release or twisting during marking.
- Round and flat rods, as well as reinforcing steel or strips, can be easily and quickly labeled in lengths of 2, 10 and 20 mm of choice (see specifications).
- Turning the marking drum is secured manually by a gear mechanism using an ergonomic handle. Just rotate the ¼ turn and the specimen is labeled.
- For the EMS-E model, the rotation of the marking drum is electrically secured. By pressing the green button, the gear mechanism makes one turn automatically and the specimen is labeled.

Safety and lifetime requirements

- LABORTECH machines, based on their design and construction, comply with all the EC Machinery and Machinery Directives mentioned.
- The customer always receives the EC declaration of conformity.
- Only state-of-the-art safety technology and proven industrial components are being used in accordance with the new safety features.
- Spare parts are still available for 10 years after the production of the particular machine type.

Technical data	Units	EMS 201	EMS 211	EMS 210	EMS 215	EMS 310	EMS 315	EMS 410	EMS 415
Order code		1.18010017	1.18010117	1.18010217	1.18010317	1.18020017	1.18020117	1.18030017	1.18030117
Total length of marking	mm	200	200	200	200	300	300	300	300
Marks spacing	mm	10-5	10	10	10-5	10	10-5	10	10-5
Clamping device	number	1	1	2	2	2	2	2	2
Width - A	mm	363	363	363	363	663	663	563	563
Height - B	mm	290	290	290	290	290	290	290	290
Depth - C	mm	275	275	275	275	275	275	275	275
Weight	kg	28	28	28	28	31	31	33	33

Technical data	Units	EMS 500	EMS 5251	EMS 500E	EMS 800	EMS 8250	EMS 800E	EMS 1000	EMS 1000E
Order code		1.18040017	1.18040117	1.18040117	1.18050017	1.18050117	1.18050217	1.18060017	1.18060117
Total length of marking	mm	500	500	500	800	800	800	1000	1000
Marks spacing	mm	20-10-5	20-10-5-2,5	20-10-5	20-10	20-10-5-2,5	20-10-5	20-10-5	20-10-5
Clamping device	number	2	2	2	2	2	2	3	3
Width - A	mm	863	863	923	1163	1163	1223	1363	1423
Height - B	mm	290	290	290	290	290	290	290	290
Depth - C	mm	275	275	375	275	275	375	275	375
Weight	kg	35	37	48	58	60	71	82	96



LABORTECH in the world



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