


<b>Instrument title</b>	<b>Servohydraulic testing system MTS 5T</b>
<b>Photo</b>	
<b>Technical details</b>	<p><b>Testing system is modernized with equipment and accessories:</b></p> <ol style="list-style-type: none"> <li>1. hydraulic power unit;</li> <li>2. hydraulic service manifold;</li> <li>3. controller and data acquisition device (Flex TEST SE);</li> <li>4. video extensometer ME-46.</li> </ol> <p>Nominal test load <math>\pm 50</math> kN; displacement range <math>\pm 60</math> mm; maximal speed 2000 mm/min; cyclic loading up to 20 Hz; accuracy grade 1.</p>
<b>Application</b>	Static and fatigue tests of materials in tension, compression, flexure and shear.