

## Questionnaire for Offers Servohydraulic Testing Machines

<u>Description of the Test Task</u>	Please enclose a sketch.		
<u>Machine Frame</u>			
Design	2 columns 4 columns		
Requirements for the stiffness of the machine	kN/mm		
Requirements for the clamping room width x height x depth	w mm x	h mm x	d mm
Requirements for the crosshead clamping			
- Frequency	Often Rarely		
- Type of clamping	Mechanical clamping Hydraulic clamping		
- Adjustment range	From	mm to	mm
<u>Test Forces</u>			
- Maximum test force (static)	kN		
- Maximum test force (dynamic)	kN		
- Shear forces	kN		
- Accuracy/resolution			
<u>Displacement</u>			
- Maximum stroke	mm		
- Maximum test travel	mm		
- Accuracy/resolution			
<u>Frequency</u>			
- Maximum frequency	Hz		
- Dependency frequency-stroke	(±) mm with 1 Hz (±) mm with 5 Hz (±) mm with 10 Hz (±) mm with 20 Hz (±) mm with 50 Hz		
<u>Curve Shapes</u>	Sine Triangle Quadrangle Stochastics loading Changing loading External data input Block program		

<u>Specimen</u> Please enclose the description of the component specimen.	Component Standard specimens						
<u>Specimen Shapes</u> <ul style="list-style-type: none"> <li>- Round specimens</li> <li>- Flat specimens (width x thickness x length)</li> <li>- Further specimen shapes</li> </ul>	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">From</td> <td style="width: 33%;">Ø mm to</td> <td style="width: 33%;">Ø mm</td> </tr> <tr> <td>w mm x</td> <td>t mm x</td> <td>l mm</td> </tr> </table>	From	Ø mm to	Ø mm	w mm x	t mm x	l mm
From	Ø mm to	Ø mm					
w mm x	t mm x	l mm					
<u>Specimen clamping</u> <ul style="list-style-type: none"> <li>- Clamping devices</li> <li>- Mechanical or hydraulic</li> <li>- Adaptor for clamping devices</li> </ul>							
<u>Strain Measurement</u> Please enclose a description of the requirements.							
<u>Temperature influences</u>	At the specimen Room temperature						
<u>Hydraulic Unit</u> <ul style="list-style-type: none"> <li>- Location</li> <li>- Noise protection</li> <li>- Power-on time</li> <li>- Cooling for hydraulic unit</li> </ul>	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Air</td> <td style="width: 50%;"></td> </tr> <tr> <td>Water</td> <td>with cooling tower</td> </tr> <tr> <td></td> <td>without cooling tower</td> </tr> </table>	Air		Water	with cooling tower		without cooling tower
Air							
Water	with cooling tower						
	without cooling tower						
<u>Control</u> <ul style="list-style-type: none"> <li>- Desk design</li> <li>- Cabinet design</li> <li>- How many testing cylinders shall be controlled at the same time?</li> </ul>							
<u>Number of machines</u>							
<u>Simultaneous operation of the machines</u>   Test time at the single machines (creep behavior testing?)	Yes → How many and which?   No						

Customer	
Contact	
Email address	
Date	