

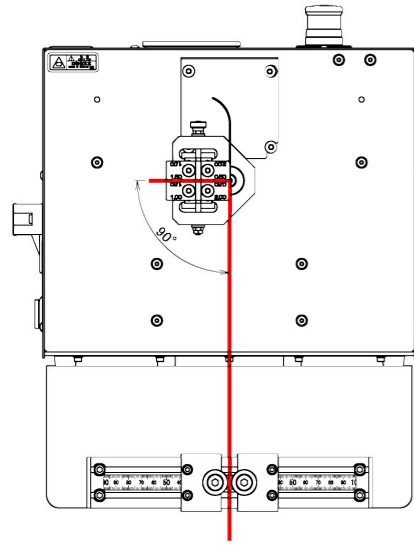
Specifications are subject to change without notice.

Standard Specification Drawing

- ◇Clamp Pads to Bend (Bending Cores)
- Choose the form (1 or 2 or 4 corners) to test condition.
  - Material
    - ⇒ Included small bending radius, less than 2 mm.: SS400
    - ⇒ All Bending radius more than 2 mm.: A5052
  - \* Please contact the sales agency if you want any specification, except of the standard.

◇C4BR <Standard Acc.: R0.50, R1.00, R1.50, R2.00>

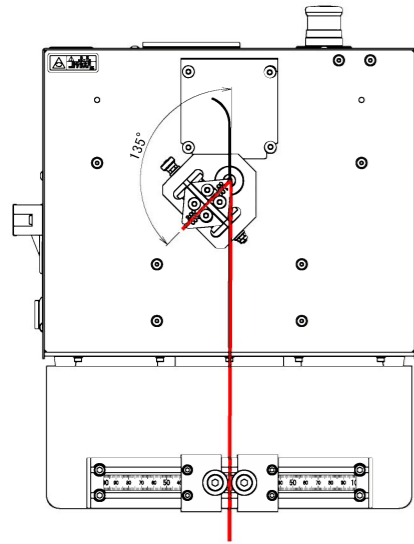
- Bending angle  $\leq 90$  deg.
- Can order additional blocks in another 4 radius.
- \* Total of neighboring radius must be smaller than 15.



ex. Material: SS400  
Moment of Inertia: 619.9 kg·mm<sup>2</sup>  
Testing Speed (max.):  $\pm 90 \Rightarrow 120$  r/min

◇C2BR <Standard Acc.: R1.00, R2.00>

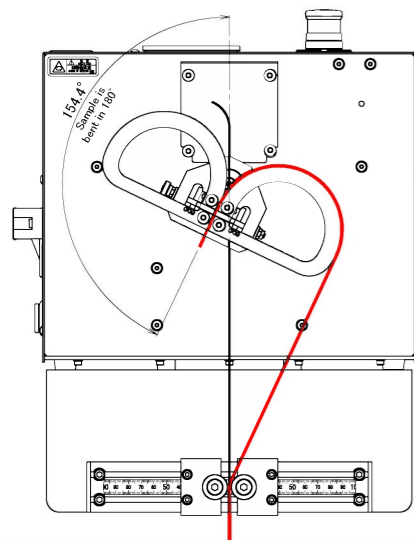
- Bending angle  $\leq 135$  deg.
- Can order additional blocks in another 2 radius. (max. R11.00 mm)



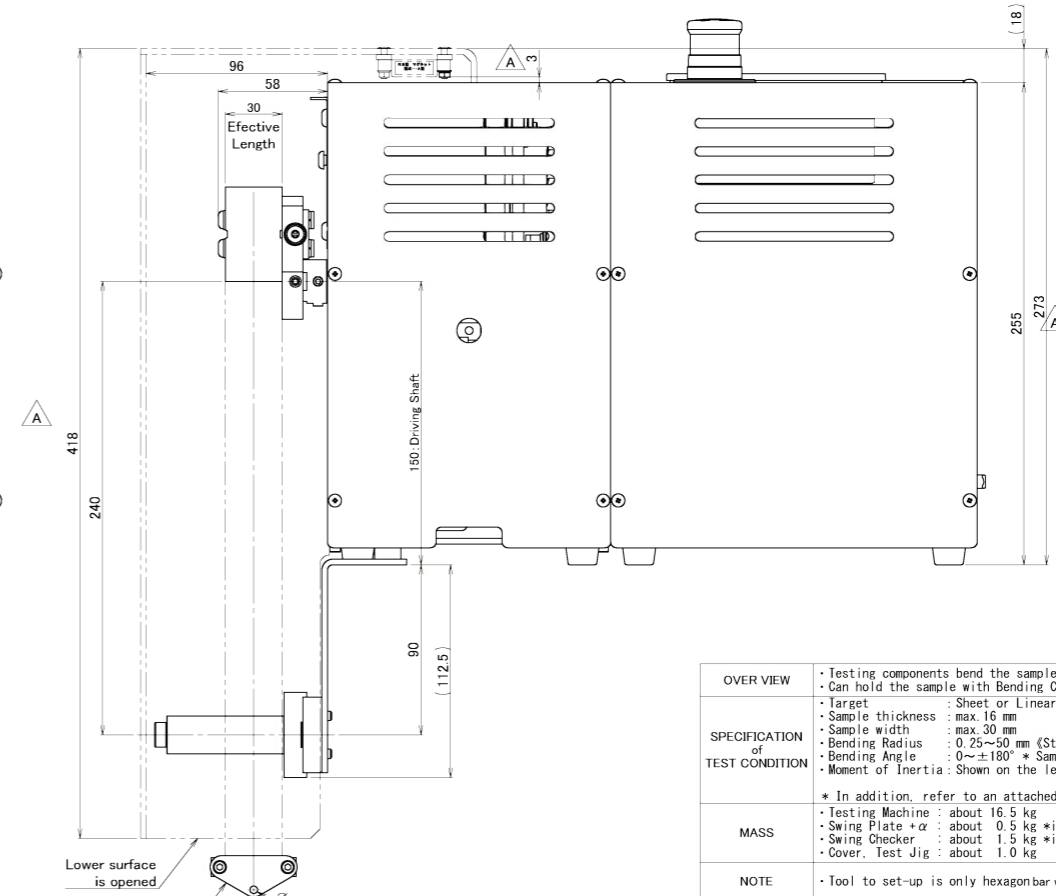
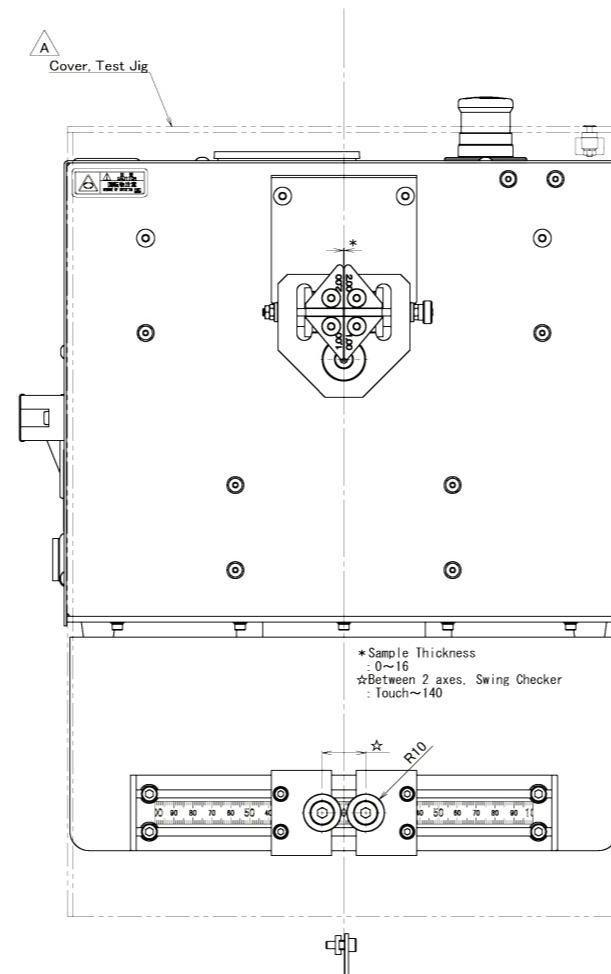
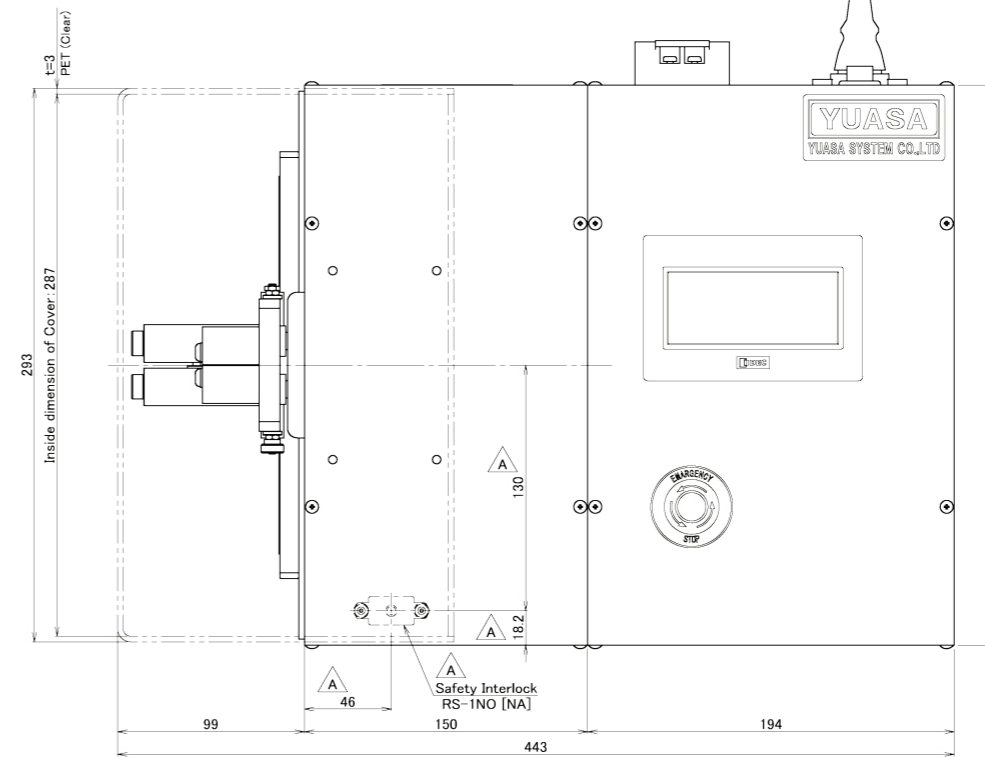
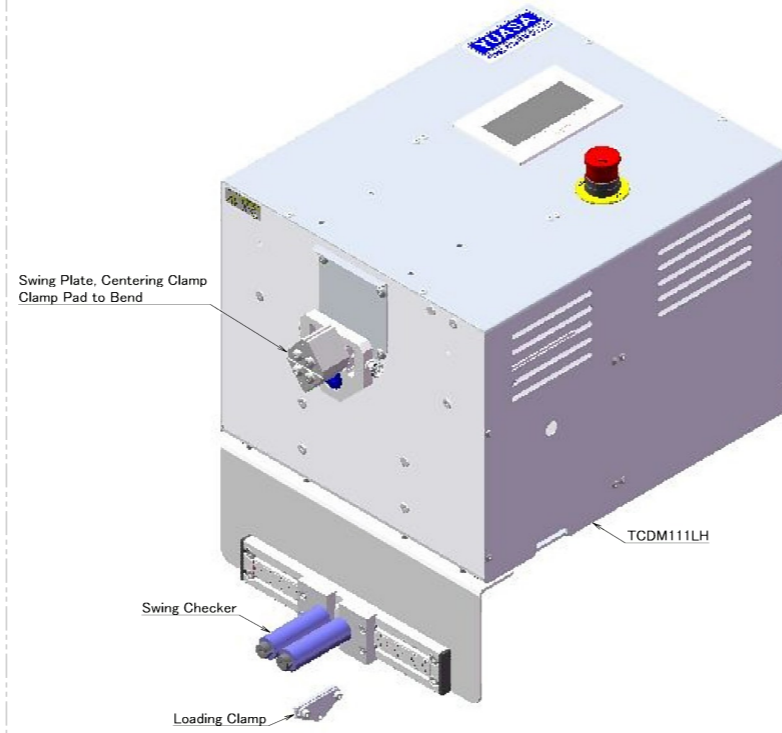
ex. Material: A5052  
Moment of Inertia: 548.3 kg·mm<sup>2</sup>  
Testing Speed (max.):  $\pm 90 \Rightarrow 120$  r/min  
 $\pm 135 \Rightarrow 90$  r/min

◇C1BR <Standard Acc.: R50.0>

- Bending angle  $\leq 180$  deg.
- Can order additional blocks in another radius. (R10.0 ~ R50.0 mm)



ex. Material: A5052  
Moment of Inertia: 2345.4 kg·mm<sup>2</sup>  
Testing Speed (max.):  $\pm 90 \Rightarrow 100$  r/min  
 $\pm 135 \Rightarrow 70$  r/min  
 $\pm 154 \Rightarrow 60$  r/min



Loading Clamp (about 25g)  
Sample thickness: 0~6  
\* Can change with screws

Weight (Customer Arrange) max. 10 N

- ◇Standard Components and Accessories
- E120A002-003: Swing Plate, Centering Clamp
  - E120A012-043: Clamp Pad (R1.0, R2.0)
  - E1220A001-001: Base Swing Checker
  - E1206A005-006: Swing Checker R10
  - E1226A001-001: Loading Clamp
  - E1500A003-026: Cover, Test Jig

OVER VIEW	<ul style="list-style-type: none"> <li>• Testing components bend the sample with swinging Bending Cores.</li> <li>• Can hold the sample with Bending Cores.</li> </ul>
SPECIFICATION of TEST CONDITION	<ul style="list-style-type: none"> <li>• Target: Sheet or Linear samples</li> <li>• Sample thickness: max. 16 mm</li> <li>• Sample width: max. 30 mm</li> <li>• Bending Radius: 0.25~50 mm (Standard Acc.: Refer to the left margin.)</li> <li>• Bending Angle: 0~<math>\pm 180^\circ</math> * Sample should not interfere with each parts.</li> <li>• Moment of Inertia: Shown on the left margin.</li> </ul>
MASS	<ul style="list-style-type: none"> <li>* In addition, refer to an attached sheet for the details of TCDM111LH.</li> <li>• Testing Machine: about 16.5 kg</li> <li>• Swing Plate + <math>\alpha</math>: about 0.5 kg *in standard, C2BR "R1.00, R2.00"</li> <li>• Swing Checker: about 1.5 kg *in standard, R10</li> <li>• Cover, Test Jig: about 1.0 kg</li> </ul>
NOTE	<ul style="list-style-type: none"> <li>• Tool to set-up is only hexagon bar wrench (3 mm).</li> </ul>

材質 MATERIAL	第3角法 THIRD ANGLE	尺 度 SCALE	TITLE
質量 MASS	作成日付 DATE	1:2	名 Desktop Model Endurance Testing Machine
表面処理 SURFACE PROCESSING	承認 Y. Moriya	Dec. 11, 2015	称 Test Jig, Bending (Centering Clamp, Bending Core)
熱処理 HEAT TREATMENT	検 図 H. Sasaki		番 ET202S002-003
	設 計 N. Ando		A

改訂	注記	担当	日付
A	Change: specification of Cover and interlock	A.M	Nov. 10, 2016