

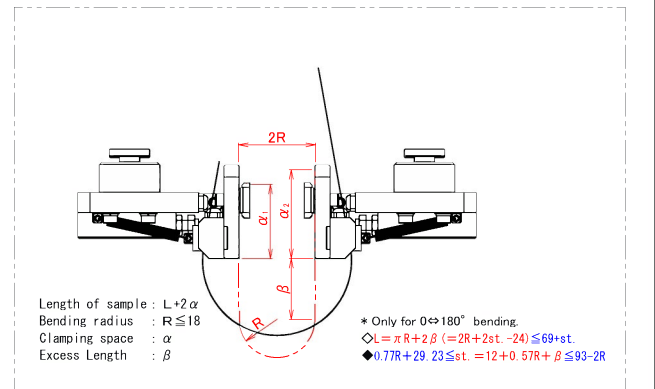
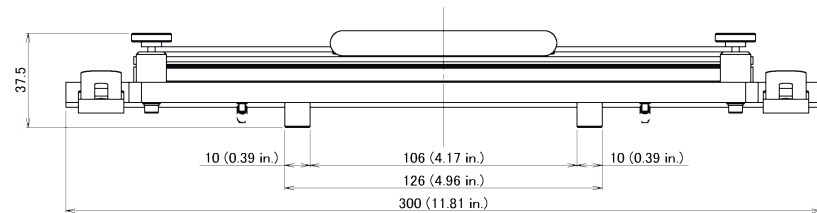
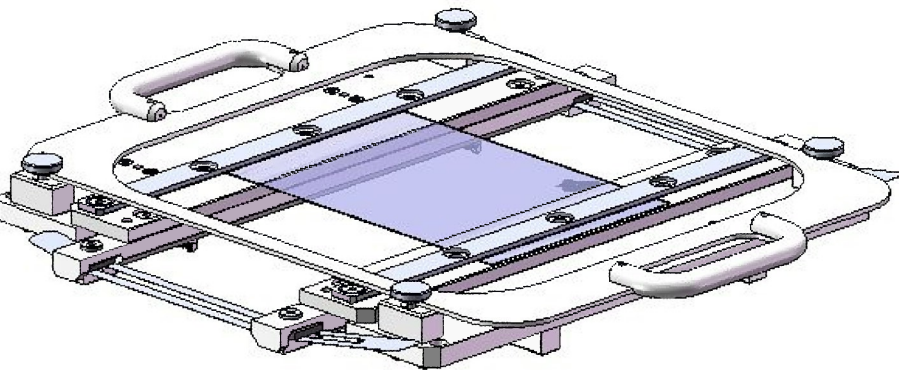
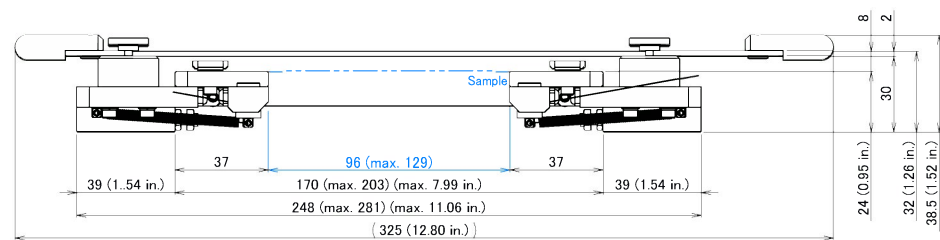
* Units of weights and measures shall be expressed in terms of the metric system (kg & mm)

OVER VIEW	<ul style="list-style-type: none">Testing components bend samples (→↔U) with Tilt Clamps.Testing system control the folding motion with Tilt Controller (plate spring). It will not place tensile stress on the sample. The sample will change naturally.Can change the cartridge to change testing pattern, testing motion.
SPECIFICATION of TEST CONDITION	<ul style="list-style-type: none">Target : Sheet or Linear samplesSample thickness : max. 3 mmSample width : max. 220 mmSample length : min. 36+ (Clamping space) mm (Be changed follow to conditions)Bending angle : 0~180° (by test condition below)Bending radius : 0~22 mm (distance between Guiding Walls below.)Distance between guiding walls : 0~153 mm (between moving side (rear-end) and fixing side)Distance Tilt Clamps (horizontally) is 129 mm when distance between guiding walls become 153 mm. (*1. left-hand figure)Set samples on Tilt Clamps with adhesive tape (without clamp bar) when screws interfere it. (Distance between Guiding Walls less than 10+Sample thickness×2 mm)Operating Stroke : 0~±60 mmOperating Speed : 10~90 r/minElectric Insulation : Samples are insulated from Test Jig (exclude bars and screws). <p>* In addition, refer to an attached sheet for the detail of DLDM111LH.</p>
INSTALLATION ENVIRONMENT	Temp. : +5~+40°C (41~104°F) Humi. : 15~85%Rh (No Condensation)
MASS	<ul style="list-style-type: none">Testing Machine : about 17.0 kg (37.5 lb)Test Jig (Base) : about 6.5 kg (14.5 lb)Test Jig (Cartridge) : about 2.0 kg (4.4 lb)Cover, Test jig : about 4.0 kg (8.5 lb)
NOTE	Tool to set up is only hexagon bar wrench (3 mm)

- ◇Standard Components and Accessories
- E1254A002-010 : Test Jig, Tension-Free Folding
 - E1254A007-001 : Cartridge, T-F Folding
 - E1136A001-004 : Floating Joint
 - E1209A004-001 : Joint Bracket
 - E1500A003-027 : Cover, Test Jig

材質 MATERIAL	第3角法 THIRD ANGLE	尺 度 SCALE	TITLE
質量 MASS	On the margin	1:2	名 Desktop Model Endurance Testing Machine DLDM111LH
表面処理 SURF. ACQ. PROCESSING	作成日付 DATE	承認 APPROVED	称 Test Jig, Tension-Free Folding
熱処理 HEAT TREATMENT	検 図 CHECKED	設 計 DESIGNED	図 DWG. No. 番 E1254S002-010

改訂 REV.	注 記 REVISION RECORD	担当 BY	日付 DATE
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OVER VIEW	<ul style="list-style-type: none"> • The cartridge to conduct Tension-Free folding test for the testing jig. Tension-Free Folding (ET254S002-010).
SPECIFICATION of TEST CONDITION	<ul style="list-style-type: none"> • Target : Sheet or Linear samples • Sample thickness : max. 3 mm • Sample width : max. 220 mm • Sample length : min. 36" (Clamping space) mm (Be changed follow to conditions) <ul style="list-style-type: none"> * only for 0<=180° bending • Bending angle : 0~180° (by test condition below) • Bending radius : 0~ 22 mm (distance between Guiding Walls below.) <ul style="list-style-type: none"> * only for 0<=180° bending. • Distance between guiding walls <ul style="list-style-type: none"> * 0~153 mm (between moving side (rear-end) and fixing side) * Distance Tilt Clamps (horizontally) is 129 mm (when distance between guiding walls become 153 mm. (*1. left-hand figure).) * Set samples on Tilt Clamps with adhesive tape (without clamp bar) when screws interfere it. (Distance between Guiding Walls less than "10+ Sample thickness × 2 mm".) • Operating Stroke : 0~±60 mm • Operating Speed : 10~90 r/min • Electric Insulation: Samples are insulated from Test Jig (exclude bars and screws). <p>* In addition, refer to attached sheets for the detail of DLDM111H or Testing Jig.</p>
INSTALLATION ENVIRONMENT	<p>Temp. : +5~+40°C (41~104°F) Humi. : 15~ 85%RH (No Condensation)</p>
MASS	<ul style="list-style-type: none"> • Test Jig (Cartridge) : about 2.0 kg (4.4 lb)
NOTE	<ul style="list-style-type: none"> • Tool to set up is only hexagon bar wrench (3 mm)

材質 MATERIAL	第3角法 THIRD ANGLE	尺 度 SCALE	TITLE
質量 MASS		2:3	
表面処理 SURFACE PROCESSING	作成日付 DATE	May 18, 20174	名 稱 Cartridge, T-F Folding
	承認 APPROVED	Y. Okazaki	
熱処理 HEAT TREATMENT	検 査 CHECKED	H. Sasaki	
	設 計 DESIGNED	N. Ando	DWG. No. ET254S007-001