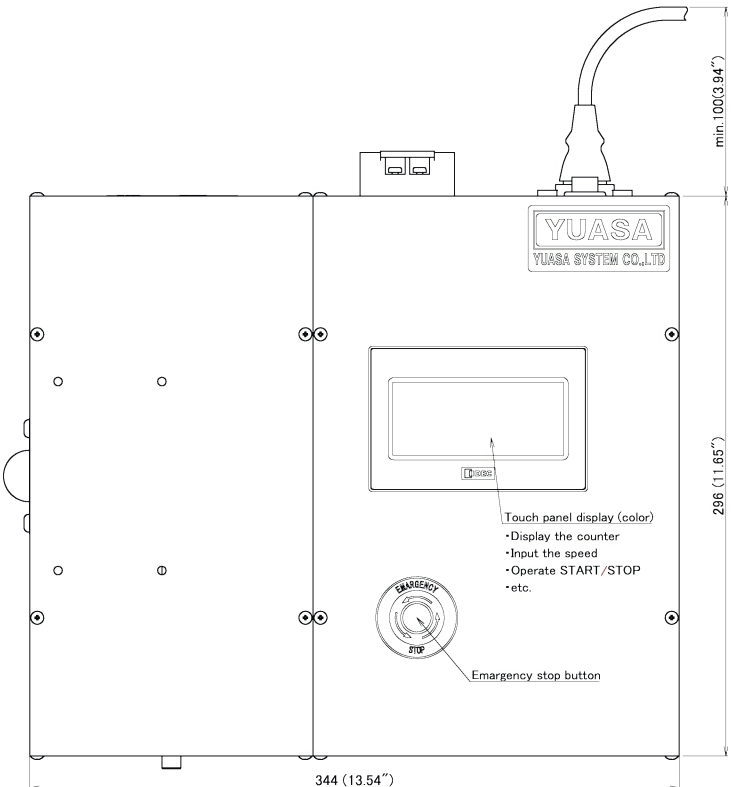


Rotary Reciprocation Mode

Remove (or attach) the shaft-cover and the linear shaft

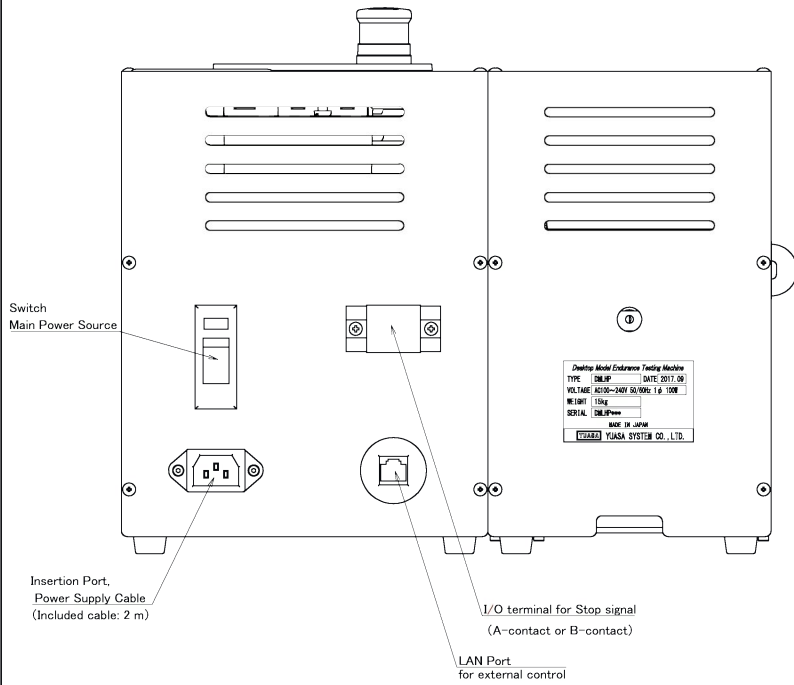
Linear Reciprocation Mode



Touch panel display (color)
 • Display the counter
 • Input the speed
 • Operate START/STOP
 • etc.

Emergency stop button

改訂 REV	注記 REVISION ROOM	担当 BY	日付 DATE
A	Correction of mistakes. Add descriptions.	N. Ando	Feb. 27, 2018
B	Correction of mistakes.	N. Ando	Mar. 08, 2018
C	Add detail.	N. Ando	Mar. 15, 2018

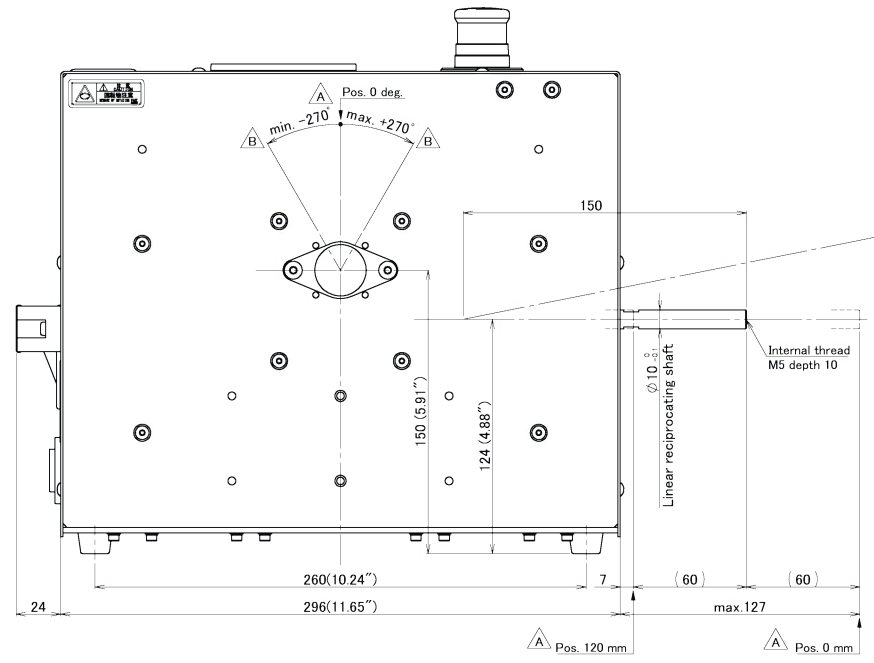


Switch
Main Power Source

Insertion Port,
Power Supply Cable
(Included cable: 2 m)

I/O terminal for Stop signal
(A-contact or B-contact)

LAN Port
for external control

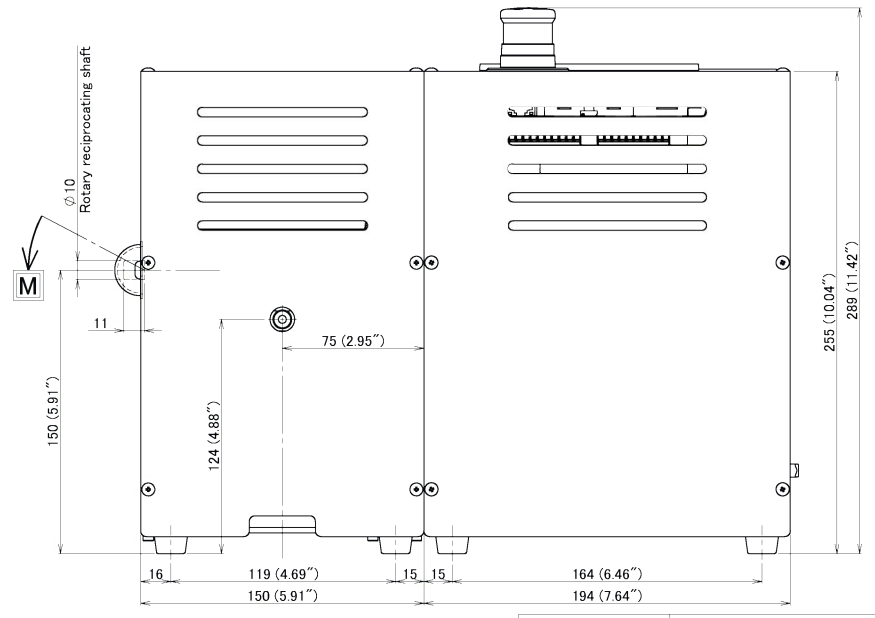


Pos. 0 deg.
min. -270° max. +270°

Linear reciprocating shaft
 φ10
 Internal thread
 M5 depth 10

Pos. 120 mm

Pos. 0 mm



Rotary reciprocating shaft
 φ10

150 (5.91")

11

75 (2.95")

124 (4.88")

16 (0.63")

119 (4.69")

15 (0.59")

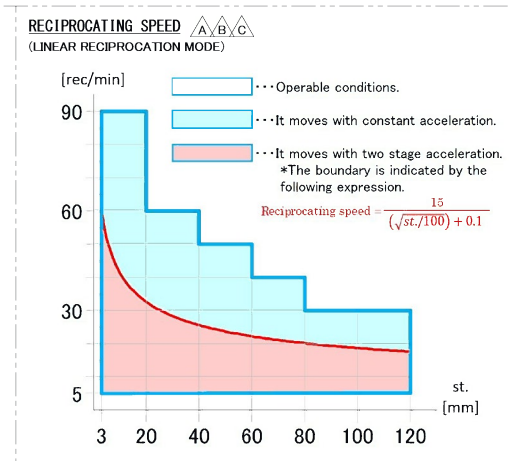
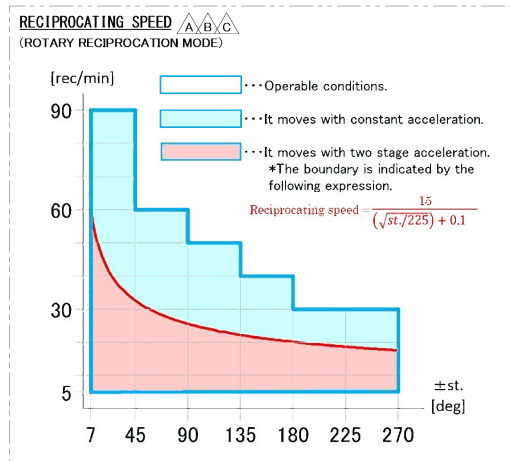
15

164 (6.46")

194 (7.64")

255 (10.04")

289 (11.42")



	ROTARY RECIPROICATION MODE	LINEAR RECIPROICATION MODE
ELECTRICAL POWER	AC100-240V (50/60 Hz) 100VA	
MOTOR UNIT	Stepping motor [DC48V, 1.72A(max.), 30W, Gear box 1/20]	
RECIPROCATING SPEED	Refer to a graph on the margin.	Refer to a graph on the margin.
ACCELERATION	360 rad/s ² maximum /B	4.5 m/s ² maximum /B
RECIPROCATING ANGLE/DISTANCE	0~±270 deg. (in 0.1 deg. increments) /C	0~120 mm (in 0.1 mm increments) /C
POSITIONING ACCURACY	0.25 deg. (by backlash) /C	0.15 mm (by backlash) /C
PERMISSIBLE TORQUE/OUTPUT	1.8 N·m	72 N
PERMISSIBLE MOMENT OF INERTIA	2.0 x 10 ⁻³ kg/m ²	—
OUTPUT SHAFT STATIC RATED MOMENT	1.5 N·m *Refer to the drawing "M".	1.3 N·m *Refer to the drawing "M".
COUNTER	8-digits display (Can set the target number)	
INSTALLATION ENVIRONMENT	Temp. : +5~+40°C (41~104°F) Humi. : 15~85%RH (No condensation)	
SAFETY INTERLOCK	Safety cover for the testing jig: Covered or Not	
NOTE	Can set each moving end freely within the movable area. Included tools: Spanner (8x10 mm), T-shaped hex wrench (3 mm) Should limit the reciprocating speed and angle (or distance) to protect equipment when it drives a heavy jig or stiff samples.	
材質 MATERIAL	第3角法 THIRD ANGLE PROJECTION	尺 度 SCALE
質量 MASS	15.2 kg	1:2
表面処理 SURFACE PROCESSING	承認 DATE Y. Mori ya	名 稱 Endurance Testing Machine
熱処理 HEAT TREATMENT	検 図 CHECKED S. Kaihara	番 號 DWG No. ET000S006-007
	設 計 DESIGNED N. Taniguchi	C