

HV Series [HV-100W/HV-300W]

Vertical Model Manual Test Stand



HV-100W

(Force gauges are sold separately.)

[Applications]

- Various material testing for medium load (Measuring of Tensile strength, Compressive strength, Shearing strength and etc.)
- Assessment test for small mechanical parts such as electric / electronic parts (measuring the strength of soldering, the pull-off force value of electrical leads and etc.)
- Peel test for bonding area or heat seal.

[Feature]

- The stable applied pressure is obtained by the fine movement through thread feed system of Handle Wheel.
- The sliding jig table is adapted for jig mounting alignment.

[HV-100W/HV-300W Specifications]

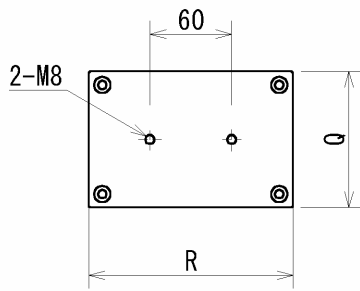
Model	HV-100W	HV-300W
Capacity	1000N	3000N
Stroke	350 mm	300mm
	(maximum stroke without gauge)	
Drive Distance	Hand wheel 1.2 mm/rev	
Table dimension	100x150 mm	150x200 mm
Thread hole pitch	(M8) 60 mm	(M8) 60 mm
Gauge mounting plate dimension	75x150 mm	75x150 mm
	(Refer to the following drawings for gauge mounting plate hole pitch)	
Chuck	50x80 mm	50x80 mm
Mounting plate (Accessory)	M6 attachment mounting bolt	M10 attachment mounting bolt
Dimension	W343xD300xH781 mm	W343xD300xH802 mm
Weight	15 kg	19 kg
Options	(-S) Digimatic length meter (-L650) Extended stroke (up to 650mm)	
Accessory	Force gauge mounting bolts	

[Note]

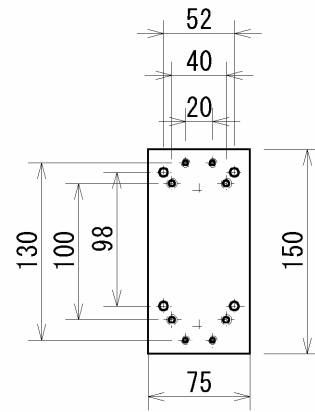
- Force gauge (sold separately) is required for actual measuring. Please order Imada products.
- Various optional attachments are available for different types of measurement.
- All information is subject to change without prior notice.

[Dimension]

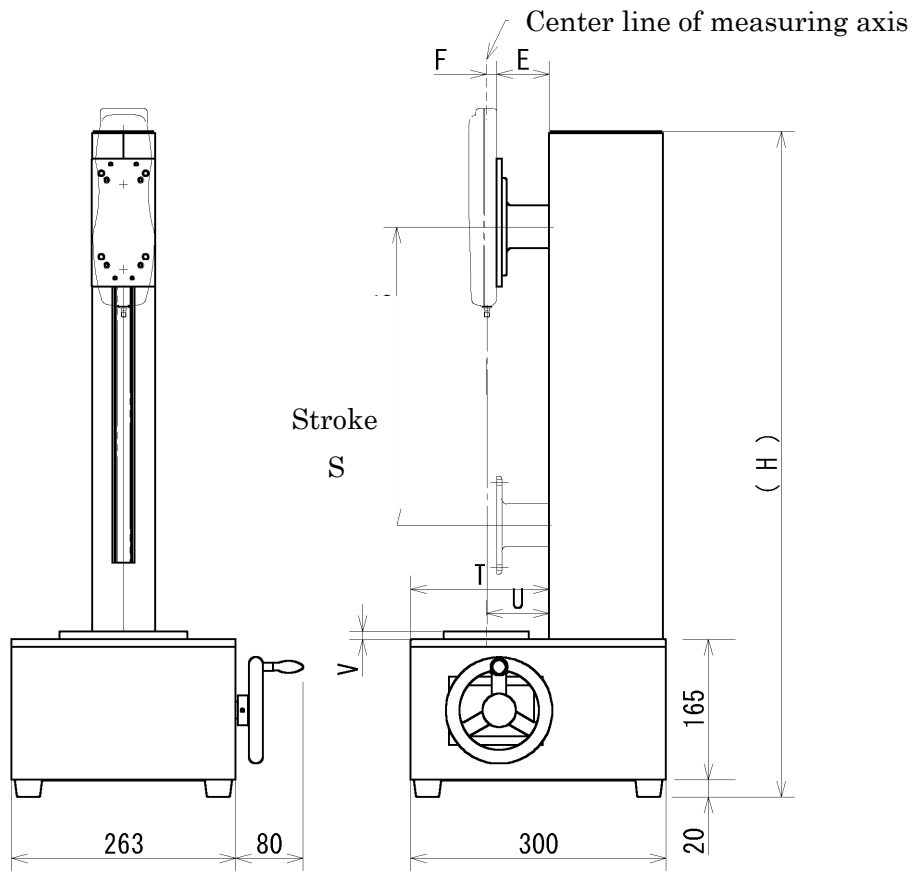
[HV-100W/HV-300W]



Table



Force gauge mounting plate



	Test stand					Table			
	H	E	T	U	S	R	Q	V	Screw(female)
HV-100W	781	65	163	76	350	150	100	9	M8
HV-300W	802	49	153	78	300	200	150	9	M8

	Force gauge Mounting plate	GF-1
HV-100W	75x150	50x80 M6 screw t=9
HV-300W	75x150	50x80 M10 screw t=9

	Center of measuring axis (F)
PP/ DPX/DPS/DPZ	17.3/11.5/12/12
DPXH/DPSH/DPZH	28.5/26/25
PSH	29.2