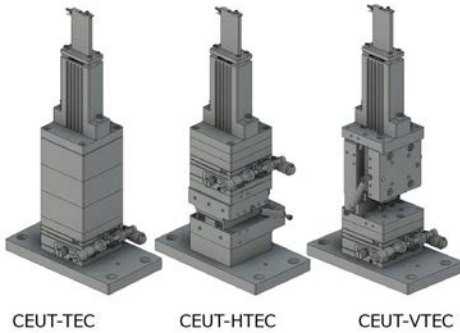


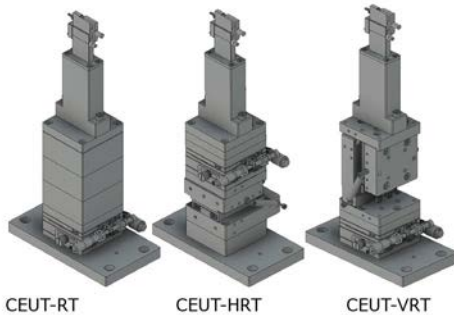
This unit is used to set or fix a sample such as waveguides.

- Samples such as waveguides can be fixed by adsorption or mechanical clamping.
- Two types of sample sizes are available: 5mm x 5mm and 10mm x 10mm.
- The sample position and angle can be adjusted by 2-axis manual stage.
- We also have options available that have a temperature control for a sample or a contact sensor for a sample and a fiber array. You can select the most appropriate type for your application.

With temperature control 3 types



Without temperature control 3 types



Guide

- When used in combination with a fiber alignment unit (DAU-8100A series), a system that enables fiber alignment can be constructed.
- When used in combination with an observation unit (OBUT series), an observation system can be constructed to check the positions positional relationship between fibers and samples.
- Various device holders are available for different sample sizes. Please refer to Device Holders (RTH Series) or Device Holders with Temperature Control (TECH Series).
- The centering unit (CEUT series) comes with a 2-meter vacuum suction tube.
- Please contact our sales department for specifications and additions not listed here.

Attention

- When fixing the sample with the clamp screws, please be careful of the tightening force. Excessive tightening may cause damage to the sample.
- Please contact our sales department for details on connecting load cells, amplifiers, and multi-controllers.
- A vacuum pump is required to use the vacuum pump. Refer to Vacuum Pump (DA-20D) for the recommended model.
- A Peltier controller is required to use the temperature control function. Please refer to Peltier Controller (TDU-5000AR) for the recommended peltier controller and connection cable.

CEUT Common Specifications (Manual Stage Part)

Axis	X Axis	θy Axis
Component Products/Products Type	TADC-601SR	KSPT-606MRH
Travel	±6.5mm	±10°
Lead of Actuator/rotation	0.5mm	-
Micrometer Readable Resolution	0.01mm	-

CEUT Series Specifications (With temperature control)

Part Number	CEUT-TEC-5	CEUT-TEC-10	CEUT-HTEC-5	CEUT-HTEC-10	CEUT-VTEC-5	CEUT-VTEC-10	
Sample Holder Part	5×5	10×10	5×5	10×10	5×5	10×10	
Sample size *1 [mm]	5×5	10×10	5×5	10×10	5×5	10×10	
Contact sensor unit	Load cell	Not Included		Included (horizontal direction)		Included (Vertical direction)	
	Load cell part number*2	-		LMA-A-10N (KYOWA ELECTRONIC INSTRUMENTS CO., LTD.)			
	Load cell amplifier part number*2	-		TW-3S-002 (Watanabe Electric Industry Co. Ltd.)			
	Contact sensing minimum resolution [N]	-		0.25			
Temperature control unit	Temperature control unit	Included					
	Temperature control range [°C] *3	10 - 60					
	Peltier Element	Imax:8.5A Vmax:4.4V					
	Thermistor Sensors	103AT-4(10kΩ) (SEMITEC Corporation.)					
Accessory	Vacuum suction tube (2m)						
	Connection cable to temperature controller *4						

*1 Device holders of different applicable sizes are available as stand-alone products.

*2 Please contact our sales department for the connection of load cells, amplifiers, and multi-controllers.

*3 Temperature control range may vary depending on the installation environment.

*4 In case of temperature control mechanism, used for connection with Peltier controller TDU-5000AR (Cell Systems Co., Ltd.).

Outline Drawing

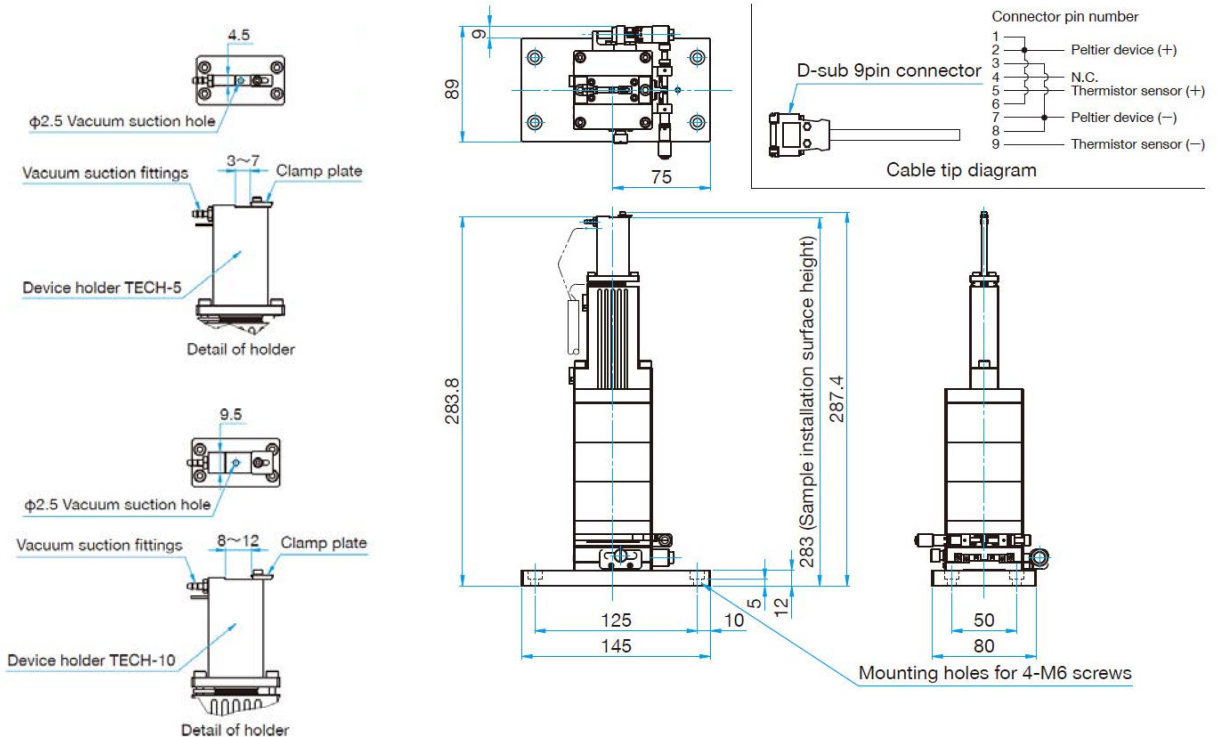
(Alt : mm)

CEUT-TEC-5/CEUT-TEC-10




Hexagonal socket head cap screw M6×15...4 screws

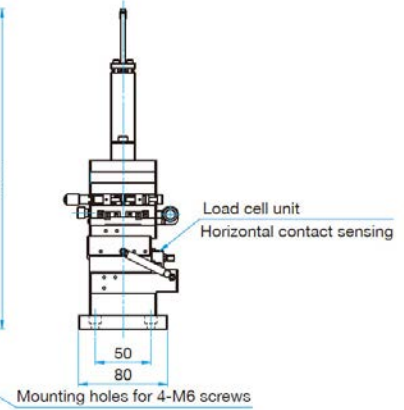
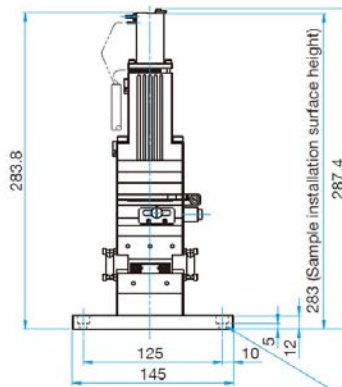
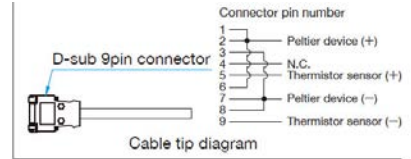
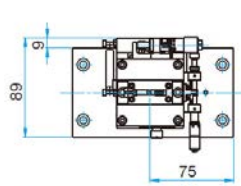
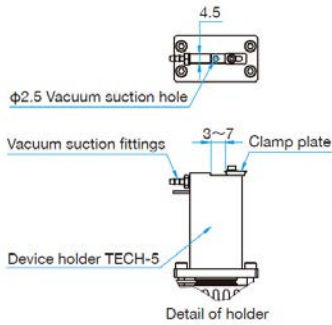
CEUT-TEC-5



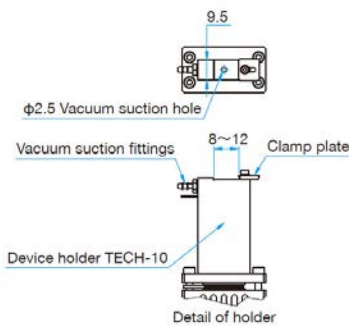
CEUT-HTEC-5/CEUT-HTEC-10


 Hexagonal socket head cap screw M6×15...4 screws

CEUT-HTEC-5

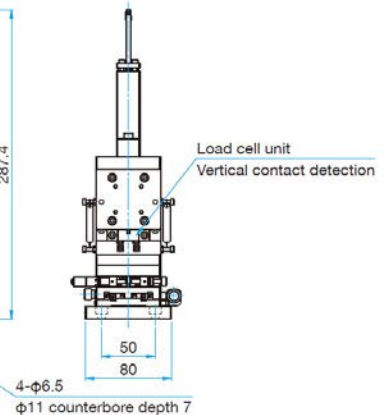
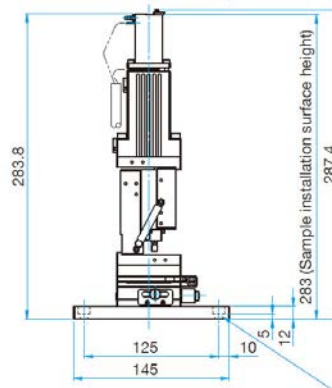
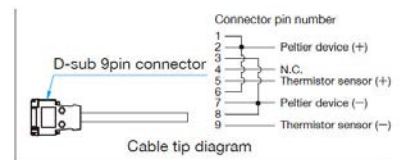
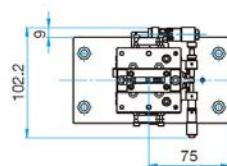
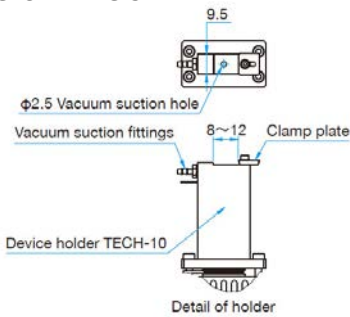


CEUT-HTEC-10

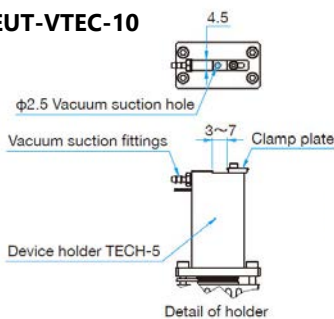


 Hexagonal socket head cap screw M6×15...4 screws

CEUT-VTEC-5



CEUT-VTEC-10



CEUT Series Specifications (Without temperature control)

Part Number		CEUT-RT-5	CEUT-RT-10	CEUT-HRT-5	CEUT-HRT-10	CEUT-VRT-5	CEUT-VRT-10
Sample Holder Part		5×5	10×10	5×5	10×10	5×5	10×10
Sample size *1 [mm]		5×5	10×10	5×5	10×10	5×5	10×10
Contact sensor unit	Load cell	Not Included		Included (horizontal direction)		Included (Vertical direction)	
	Load cell part number *2	-		LMA-A-10N (KYOWA ELECTRONIC INSTRUMENTS CO., LTD.)			
	Load cell amplifier part number *2	-		TW-3S-002 (Watanabe Electric Industry Co. Ltd.)			
	Contact sensing minimum resolution [N]	-		0.25			
Temperature control unit	Temperature control unit	Not Included					
	Temperature control range	-					
	Peltier Element	-					
	Thermistor Sensors	-					
Accessory		Vacuum suction tube (2m)					

*1 Device holders of different applicable sizes are available as stand-alone products.

*2 Please contact our sales department for the connection of load cells, amplifiers, and multi-controllers.

Outline Drawing

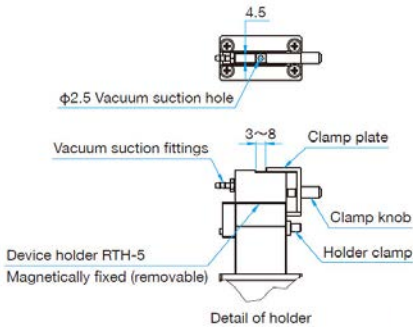
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CEUT-RT-5/CEUT-RT-10

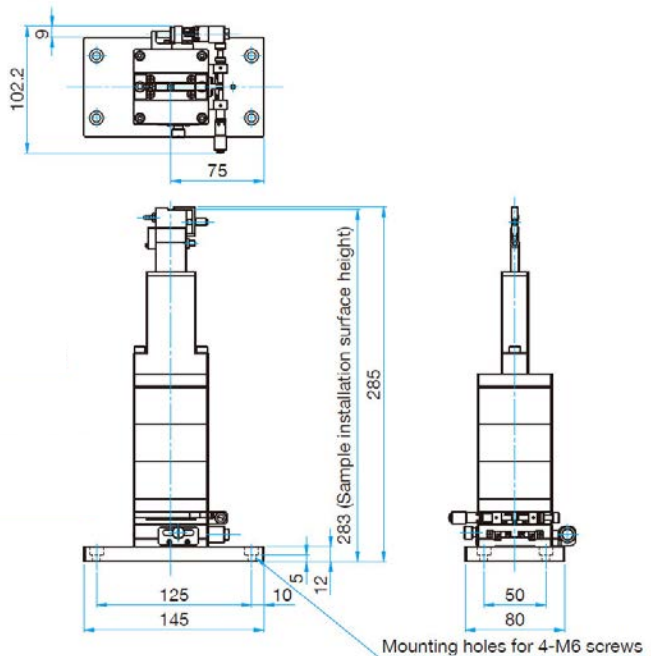
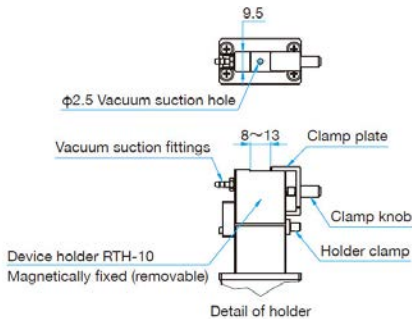


Hexagonal socket head cap screw M6×15...4 screws


CEUT-RT-5



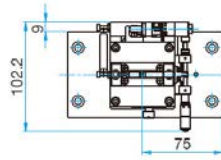
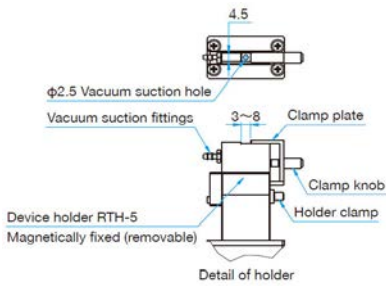
CEUT-RT-10



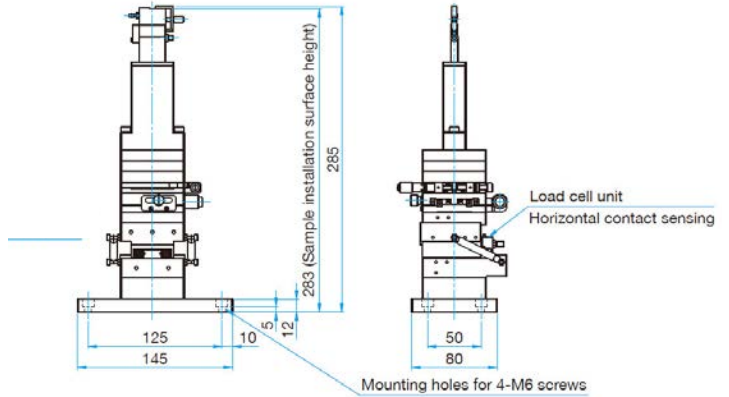
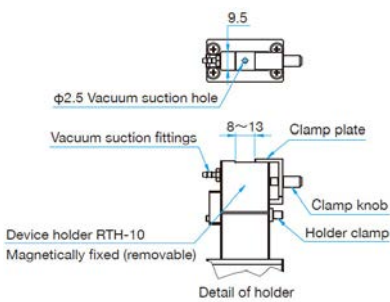
CEUT-HRT-5/CEUT-HRT-10

 Hexagonal socket head cap screw M6×15...4 screws


CEUT-HRT-5



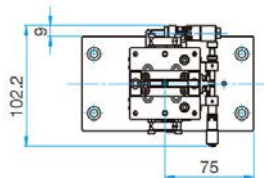
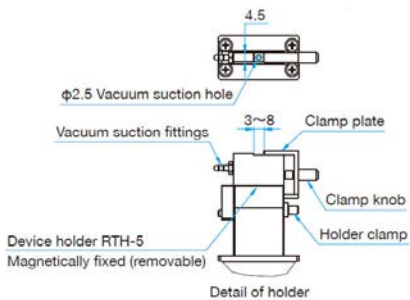
CEUT-HRT-10



CEUT-VRT-5/CEUT-VRT-10

 Hexagonal socket head cap screw M6×15...4 screws

CEUT-VRT-5



CEUT-VRT-10

