

# Attachment for Vial Stopper Penetrability Test

## MED-LFA-20N Series/MED-VH-5N

- Jigs to measure penetrability of elastomeric closure of vials
- MED-LFA-20N series connect needle hubs to force gauges and has 3 varieties usable for different luer fittings
- MED-VH-5N holds vials with any sizes complying with ISO



Male Luer Slip Adapter

**MED-LFA-20N-MS**

Female Luer Slip Adapter

**MED-LFA-20N-FS**

Male Luer Lock Adapter

**MED-LFA-20N-ML**

Vial Holder for Test Stands

**MED-VH-5N**

Testing Image

Related Standard	
<b>MED-LFA-20N Series</b>	-ISO 8871-5:2016 Functional requirements and testing (Corresponding part only) -ISO 7864:2016 Sterile hypodermic needles for single use (Corresponding part only)
<b>MED-VH-5N</b>	-ISO 8871-5:2016 Functional requirements and testing (Corresponding part only)

Installing of attachments for testing		
Remove the connector from the main adapter and inset the needle hub to the connector※	To fix the Adapters, Finger-tighten the knob and stabilize.	Place a vial onto MED-VH-5N and adjust the height of the clamper to fix the vial.
		

※When replacing the sample needle, please remove the taper connector of the luer fitting adapter first from the force gauge to protect the sensor of the gauge from overloading.

Specifications				
Product Type	Male Luer Slip Adapter	Female Luer Slip Adapter	Male Luer Lock Adapter	Vial Holder for Test Stands
Model	MED-LFA-20N-MS	MED-LFA-20N-FS	MED-LFA-20N-ML	MED-VH-5N
Capacity	20N			5N※1
Dimensions	See [Dimensions]			-
Mounting Screw	M6			-
Weight	Approx.15g			Approx.220g
Components	Main Adapter、1 type of Connector ※2			-

※1 Force value applied to the clamper when extracting the needle cannot exceed 5N.

※2 Connectors are available for purchase separately

Spare connectors			
Product Type	Male Luer Slip Connector	Female Luer Slip Connector	Male Luer Lock Connector
Model	OP-LFA-01	OP-LFA-02	OP-LFA-03
Pictures			

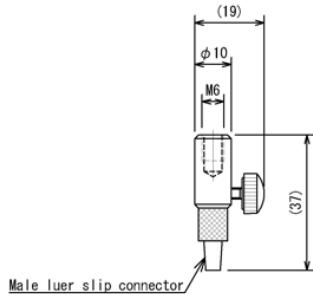
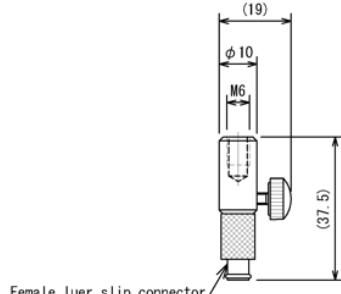
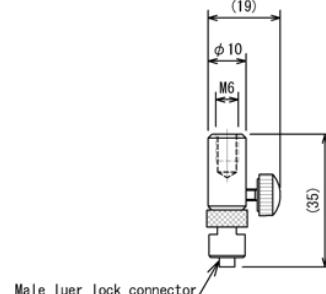
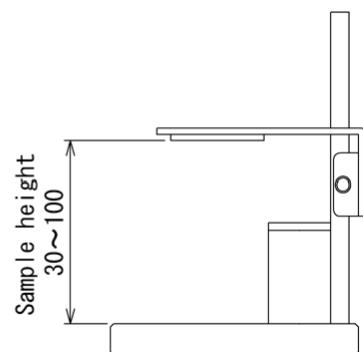
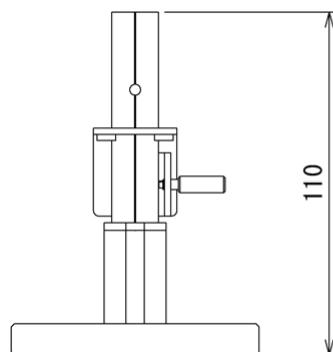
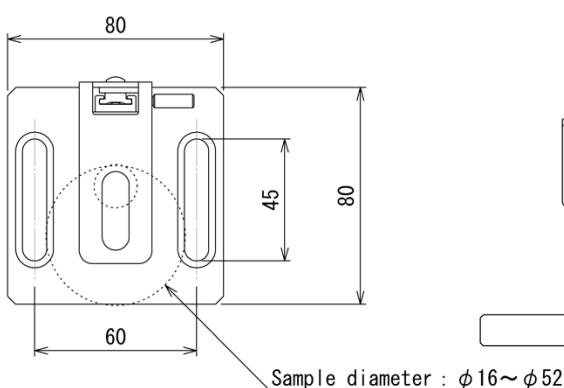
Examples of Product Configuration	
<b>Example1</b> <b>Code:1L2003A</b> <b>ISO 8871-5:2016</b> [Functional requirements and testing] <b>(Corresponding part only)</b>  Digital Force Gauge: ZTS-20N Motorized Test Stand: MX2-500N ※1 Option Attachment: MED-LFA-20N-MS Option Attachment: MED-VH-5N Optional Software: Force Recorder Standard	
<b>Example2</b> <b>Code:1L2003B</b> <b>ISO 7864:2016</b> [Sterile hypodermic needles for single use] (b) Corresponding part only  Force-displacement Measurement Unit: FSA-0.5K2-20N Option Attachment: MED-LFA-20N-MS Option Attachment: TTB-10	

※ Refer to the specification of each device for further details.

※1 In the case the sum of the length of the needle and the height of the vial exceeds 185mm, the test stand is required to have long stroke option.

Related Accessories		
<b>Pin Grip CP-150N</b>	<b>Needle Bonding Testing Jig MED-NPT-200N</b>	<b>Needle Strength and Sharpness Testing Jig MED-ACU-2N</b>
Ideal Grips for thin wire shaped item testing	For needle bonding strength and pull-out testing	Able to measure φ0.1 – 1mm needle strength and sharpness
		

\* Refer to the specification of each accessory for further details.

**[Dimensions]**MED-LFA-20N-MSMED-LFA-20N-FSMED-LFA-20N-MLMED-VH-5N

Unit:mm

**[Important Notice]**

- The specifications in this context may be changed without prior notice.
- A force gauge (sold separately) is required to use this product.
- This product is designed for force testing only. Not suitable for other purpose uses.
- Duplication and use of this context without prior consent is strictly prohibited

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