

Manipulator units

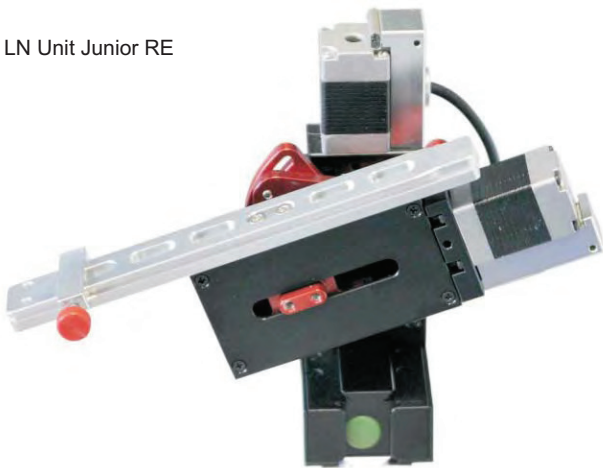
Junior 3 Axes

The Junior Unit consists of three junior axes. Axis Y and Z allow a movement path of 16mm, and axis X allows a 22mm movement. This permits the compact dimensions of the unit. The LN Junior Unit has been redesigned in order to reduce drift as well as to improve resolution and stability. Due to the compact dimensions, up to 8 units can be positioned around the bath chamber, and a shorter Y axis allows even up to 12 units. The unit is available with turn and backfold adapters or fast exchange rail.

For applications that require highly sophisticated micro manipulation and economy of space we recommend a manipulator (for example: Multipatch Set Up, InVivo Setup).

The glide rail can be mounted at Pos. 1 or laterally (pos.2) of the x axis.

LN Unit Junior RE



Data:

Traverse path	: X= 22mm
	: Y / Z = 16mm
Motor resolution	: 7,8nm
Reproducibility	: <1µm
Dimension (LxHxB)	: 115 x 104 x 130mm
Weight	: 0,9kg

Contain:

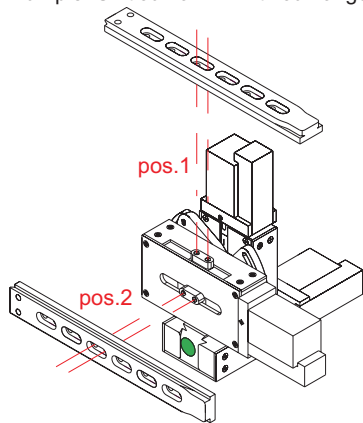
- 1x Junior 22, X-Axis
- 2x Junior 16, Y und Z Axis
- 1x Junior Butterfly adapter
- 1x Junior guide rail

Option 1: without turn and backfold adapter

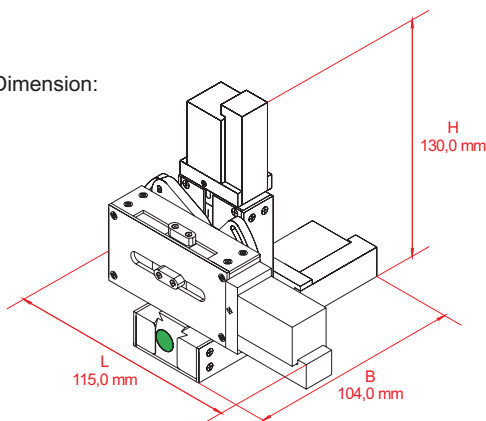
Option 2: with turn adapter

Option 3: with backfold adapter

Example: Unit Junior RE with Junior guide rail



Dimension:



Order-No.:

Motorized

Unit Junior RE_(Right side) / LE_(Left side)

210-100 000 0070

Manual

Unit Junior RM_(Right side) / LM_(Left side)

210-100 000 0072