1.51486.0001

manu-CART®

The "one-turn" cartridge system for simple, rapid "hands only" fitting of cartridges and precolumns.

manu-CART® cartridge holder for the LiChroCART® cartridge system are ingenious. They are re-usable and fit every cartridge length with different internal diameter. And a simple turn permits an easy and problem-free integration of a guard cartridge.

The manu-CART® cartridge holder fits for 2, 3, 4 and 4.6 mm i.d. LiChroCART® cartridges and 75, 100, 125, 150 and 250 mm length.

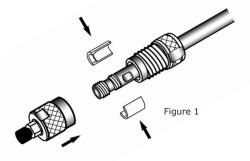
Mounting the manu-CART® to a LiChroCART® cartridge without precolumn

The manu-CART® (Cat. No. 1.51486.0001) consists of the following pieces. Check that you have all of these pieces before you begin to assemble your column.

No.	Description	Quantity
1	Cap nut	2
2	Spin collet	4
3	End fitting	2

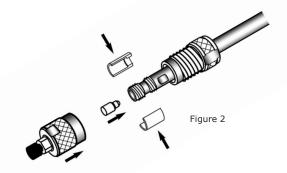
The following procedure describes how to fit the pieces to just one end of your cartridge. Repeat steps 1–4 for the other end.

- 1. Insert the cartridge through the end fitting, so that the outer thread is at the outermost end.
- 2. Place 2 split collets around the neck of the cartridge as shown in Figure 1.
- 3. Push the end fitting up over the 2 split collets.
- 4. Screw the end cap over the assembled endfitting. Tighten finger tight.
- 5. When you install your column into the flow path of your LC, tighten the end fittings leak tight using wrenches.



Mounting the manu-CART® to a LiChroCART® cartridge precolumn

- 1. Insert the cartridge through the end fitting, so that the outer thread is at the outermost end.
- 2. Place 2 split collets around the neck of the cartridge as shown in Figure 2.
- 3. Place the guard column cartridge inside the space at the end of the collets.
- 4. Push the end fitting up over the assembled guard column cartridge.
- 5. Screw the end cap over the end fitting. Tighten finger tight.
- 6. When you install your combined column and guard column into the flow path of your LC, tighten the end fittings leak-tight using wrenches.



Status: 2024-07-30 Made in Germany