

# Consumables - Storage

## HPLC Magic Box™

**HPLC Magic Box :  
Stop Dead Volume**  
Sure-Fit capillary,  
Uptisur™ connectors,  
PEEK tubing, Upti-Cut,  
wrenches. (23 parts)



### HPLC Magic Box : Stainless Steel Capillaries (1/16")

Perfectly perpendicular, burr-free  
end cuts, precision lengths  
5, 10, 15cm with 0.13, 0.17,  
0.25mm (5 units of each).  
(15 parts)



**HPLC Magic Box PEEK  
Capillaries (1/16")**  
Perfectly perpendicular, burr-free  
end cuts, precision lengths  
5, 10, 20cm with 0.13, 0.17,  
0.25mm (5 units of each).  
(15 parts)



# Consumables - Tubing

High pressure

## Stainless Steel Tubing

- Variety of sizes for HPLC and GC applications
- Stainless steel 316, smooth internal surface, high quality
- Pre-cut stainless steel tubing for zero dead volume connections

OD	ID	Tolerances	3 M (coil)	10 M (coil)
1/16"	0.13 mm / 0.005"	± 0.05 mm	383952	383954
	0.18 mm / 0.007"	± 0.05 mm	383943	383944
	0.25 mm / 0.010"	± 0.05 mm	177873	177874
	0.50 mm / 0.020"	± 0.05 mm	186243	186249
	0.75 mm / 0.030"	± 0.05 mm	177893	177899
	1.00 mm / 0.039"	± 0.05 mm	217433	217434
1/8"	0.75 mm / 0.03"	± 0.025 mm	170142	170143
	1.00 mm / 0.04"	± 0.025 mm	AA2631	AA2632
	1.52 mm / 0.06"	± 0.025 mm	I52511	I52512
	1.78 mm / 0.07"	± 0.025 mm	U05702	U05703
	2.10 mm / 0.08"	± 0.05 mm	177923	177926
	2.16 mm / 0.085"	± 0.025 mm	17792C	17792D



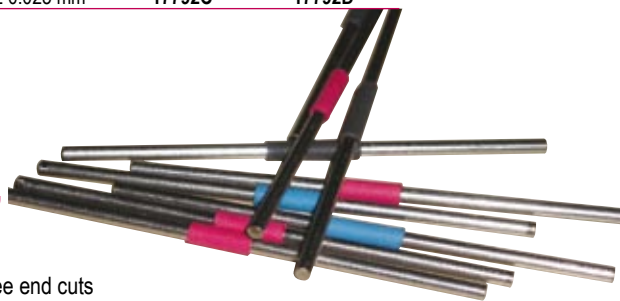
## Technical Tip

Impact of inner diameter on dead volume

i.d.	µl / cm
0.05	0.02
0.064	0.03
0.075	0.04
0.1	0.08
0.13	0.13
0.15	0.18
0.17	0.23
0.2	0.32
0.25	0.49
0.5	1.96
0.75	4.42
1	7.85
1.59	19.86

## Pre-cut tubing 1/16"

- Precision pre-cut lengths
- Perfectly perpendicular, burr free end cuts
- Color coding for easier identification



ID	Color code	5 cm	10 cm	20 cm	30 cm
0.13 mm	Red	U90150	U90160	547964	U90170
0.18 mm	Yellow	U90180	559811	559821	U90190
0.25 mm	Blue	292071	292081	560761	U90200
0.50 mm	Orange	U90210	390191	U90220	U90230
0.75 mm	Green	U90240	U90250	U90260	U90270
1.00 mm		572040	572050	572060	572070
1.17 mm		AD9920	AE5990	AC9350	AC9070



Stainless Steel  
Capillaries  
Magic Box  
PN : BZ3310