

PICCOLO

SHORT MICROBORE TRAPS AND COLUMNS



The Piccolo family of microbore HPLC columns is a unique high performance product for LC-MS and other high-speed, small volume applications. These efficient columns are the only products of their type that are individually tested. A Certificate of Analysis accompanies each column.

In addition to analytical microbore applications Piccolo columns are ideal guards for protecting longer microbore HPLC columns.

Piccolo column void volumes range from approximately 5µl to 300nL, making them perfect for a wide variety of trapping, desalting, and trace enrichment applications. These small columns can be conveniently used with micro injection and switching valves as pictured on the left.

The optional Higgins *Micro Column Connection Kit (PIN MIC-KIT, see page 69)* includes sleeves and finger-tight bushings to facilitate the attachment of a Piccolo's 6-32 threads to most injection valves, detectors, and MS source inlets.

Guide to PICCOLO Part Numbers

xP-M2M3-xxxx	2.5 x 0.3mm PICCOLO
xP-M2M5-xxxx	2.5 x 0.5mm PICCOLO
xP-M501-xxxx	5 x 1mm PICCOLO
xP-0101-xxxx	10 x 1mm PICCOLO
xP-0301-xxxx	30 x 1mm PICCOLO

See Page 23 for complete Part Number information

CLIQUEUS Piccolo



CLIQUEUS C8 5µm	2.5X0.3mm	2.5X0.5mm	5X1mm	10x1mm	30x1mm
	CP-M2M3-C085	CP-M2M5-C085	CP-M501-C085	CP-0101-C085	CP-0301-C085
CLIQUEUS C18 5µm	2.5X0.3mm	2.5X0.5mm	5X1mm	10x1mm	30x1mm
	CP-M2M3-C185	CP-M2M5-C185	CP-M501-C185	CP-0101-C185	CP-0301-C185
CLIQUEUS Cyano 5µm	2.5X0.3mm	2.5X0.5mm	5X1mm	10x1mm	30x1mm
	CP-M2M3-CNP5	CP-M2M5-CNP5	CP-M501-CNP5	CP-0101-CNP5	CP-0301-CNP5
CLIQUEUS Phenyl 5µm	2.5X0.3mm	2.5X0.5mm	5X1mm	10x1mm	30x1mm
	CP-M2M3-PHN5	CP-M2M5-PHN5	CP-M501-PHN5	CP-0101-PHN5	CP-0301-PHN5
CLIQUEUS Silica 5µm	2.5X0.3mm	2.5X0.5mm	5X1mm	10x1mm	30x1mm
	CP-M2M3-SIL5	CP-M2M5-SIL5	CP-M501-SIL5	CP-0101-SIL5	CP-0301-SIL5

HAISIL 100 Piccolo



HAISIL 100 C8 5µm	2.5X0.3mm	2.5X0.5mm	5X1mm	10x1mm	30x1mm
	HP-M2M3-M085	HP-M2M5-M085	HP-M501-M085	HP-0101-M085	HP-0301-M085
HAISIL 100 C18 5µm	2.5X0.3mm	2.5X0.5mm	5X1mm	10x1mm	30x1mm
	HP-M2M3-M185	HP-M2M5-M185	HP-M501-M185	HP-0101-M185	HP-0301-M185

HAISIL 300 Piccolo



HAISIL 300 C18 5µm	2.5X0.3mm	2.5X0.5mm	5X1mm	10x1mm	30x1mm
	HP-M2M3-W185	HP-M2M5-W185	HP-M501-W185	HP-0101-W185	HP-0301-W185



PICCOLO (continued)

SHORT MICROBORE COLUMNS



HAISIL HL Piccolo

HAISIL HL C18 5µm

2.5X0.3mm LP-M2M3-C185	2.5X0.5mm LP-M2M5-C185	5X1mm LP-M501-C185	10x1mm LP-0101-C185	30x1mm LP-0301-C185
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PHALANX Piccolo

PHALANX C18 5µm

2.5X0.3mm PP-M2M3-C185	2.5X0.5mm PP-M2M5-C185	5X1mm PP-M501-C185	10x1mm PP-0101-C185	30x1mm PP-0301-C185
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PROTO 200 Piccolo 200

PROTO 200 C4 5µm

2.5X0.3mm RP-M2M3-D045	2.5X0.5mm RP-M2M5-D045	5X1mm RP-M501-D045	10x1mm RP-0101-D045	30x1mm RP-0301-D045
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PROTO 200 C18 5µm

2.5X0.3mm RP-M2M3-D185	2.5X0.5mm RP-M2M5-D185	5X1mm RP-M501-D185	10x1mm RP-0101-D185	30x1mm RP-0301-D185
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PROTO 300 Piccolo

PROTO 300 C4 5µm

2.5X0.3mm RP-M2M3-W045	2.5X0.5mm RP-M2M5-W045	5X1mm RP-M501-W045	10x1mm RP-0101-W045	30x1mm RP-0301-W045
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PROTO 300 C18 5µm

2.5X0.3mm RP-M2M3-W185	2.5X0.5mm RP-M2M5-W185	5X1mm RP-M501-W185	10x1mm RP-0101-W185	30x1mm RP-0301-W185
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TARGA Piccolo

TARGA C8 5µm

2.5X0.3mm TP-M2M3-C085	2.5X0.5mm TP-M2M5-C085	5X1mm TP-M501-C085	10x1mm TP-0101-C085	30x1mm TP-0301-C085
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TARGA C18 5µm

2.5X0.3mm TP-M2M3-C185	2.5X0.5mm TP-M2M5-C185	5X1mm TP-M501-C185	10x1mm TP-0101-C185	30x1mm TP-0301-C185
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