

Specification: Microfluidic Starter Kit

Product Code	MF_STARTER_KIT_PLATFORM
Contents	<p>3 Packs of Microfluidic chips selected by you from our standard fluidic chips range 1 Fluidic Connect PRO Chipholder 2 Syringe Pump, type NE-300</p> <p>Accessories:</p> <ul style="list-style-type: none"> • 2 x Syringe 1ml • 3 x Syringe 10ml • 1 x Reservoir 250ml • 2 x 1/16" ETFE tube (ID 0,75mm) • 5 x Micronit Ferrule (FFKM) • 6 x Syringe Luer connector (10-32 threaded) • 5 x Flared nut with ferrule (10-32 threaded) • 10 x plugs, 5x white, 5x red (10-32 threaded) • 1 x Tube cutter • 1x Tip driver no. 0x35 • 2x Spacer (0,5mm) • 2 x Micro-microscope • 1 x Micronit USB stick (info and manuals)
Dimensions	128 mm x 85,4 mm x 20 mm
Material	Aluminium
Sealing mechanism	Load 'n Seal
Maximum operation temperature	80°C
Max. operating pressure	10 bar
Sealing material	Perlast (FFKM)
Number of chips per pack	2 or 3 (depends on the types chosen)
Chip size	45 mm x 15 mm
Supplied in Fluidic slide?	Yes
Material chip	Borosilicate, COC or PC (depends on the types of chips chosen)
Material black cartridge	Polypropylene
Dimensions	22,86 cm x 14,605 cm x 11,43 cm (LxWxH)
Weight	1,63 kg per pump
Maximum operating speed	3.7742 cm/min
Minimum operating speed	0.004205 cm/hr
Maximum pumping rate	1257 ml/hr with a B-D 60 cc syringe
Minimum pumping rate	0.73 µl/hr with a B-D 1 cc syringe
Maximum force	15,876 kg. (35 lbs.) at minimum speed, 8,165 kg. (18 lbs.) at maximum speed
Syringe sizes	up to 140 cc
Syringe inside diameter range	0.100 to 50.00 mm

