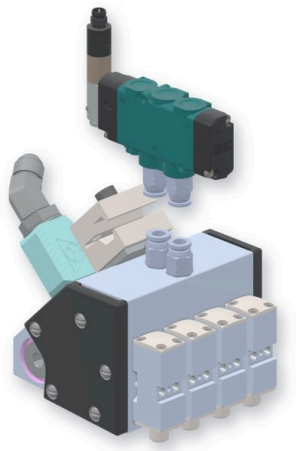
PRODUCT SPECIFICATION · MB2 QUICK SHIP GUN

Replacement for Nordson® 8530475, 4 Module Miniature Gun

HMSC CONFIGURED PART NUMBER
HMS-MB-450110222
Replaces Nordson® 8530475

Preconfigured MB2 4 module miniature gun: 4 mini ball and seat modules, common air, 240 VAC, F Freedom cordset, high speed MAC 26A series solenoid and 100 mesh inline filter. Quick Ship guns are built from stocked subassemblies, so they ship quickly.



4 Module Miniature Gun, HMS-MB-450110222

Specifications

Replaces Nordson	8530475
Gun family	MB2 miniature gun
Modules	4
Module type	BEL, mini ball and seat
Orifice	STD, orifice set by the nozzle
Module spacing	20, 20, 20 mm, center to center
Body length	82.1 mm
Hydraulic ports	3

Configuration code

MB2-BEL-STD-04-A-CA-020-020-020-F-RB-SP-F4-3

MB2	BEL	STD	04	A	CA	020-020-020	F	RB	SP	F4	3
Group	Module type	Orifice	Modules	Voltage	Air type	Spacing	Cordset type	Cordset position	Solenoid	Hydraulic connector	Ports

Electrical

Voltage	240 VAC
Heater	250 W, 240 V
Cordset	F, Freedom, round 6 pin plus PE
Cordset position	RB, right of the bracket

Read facing the modules, looking down on the bracket (the mounting clamp).

Air and hydraulics

Air type	CA, common air: one valve fires every module
Solenoid	SP, high speed MAC 26A series
Solenoid valves	1
Hydraulic connector	F4, inline filter, 100 mesh, 45 degree fitting

Included with this gun

- Gun body and the correct heater for that body and voltage
- 4 modules, solenoid valve and cordset
- Inline filter, 100 mesh, 45 degree
- Mounting hardware and covers, included with the body

Safety

Guns run at melt temperature under hydraulic and air pressure. Lock out power, relieve pressure and let the gun cool before inspecting it.

Product page

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Subassemblies (service parts)

Item	HMSC part number	Qty
Gun body	HMS-MB-400100000	1
Heater	HMS-HNA-21662	1
Mini ball and seat module	HMS-M-1095703	4
Solenoid valve, high speed MAC 26A series, CA	T11B08B6S	1
Cordset F, Freedom (same as W)	T2B38P4S	1
Inline filter, 100 mesh, 45 degree	T10P72C4S	1

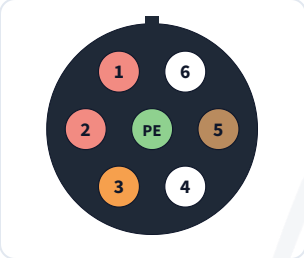
Heater

Heater part	HMS-HNA-21662
Wattage	250 W
Voltage	240 V
Size	3/8 x 2.44 in (diameter x length)

Sold separately

Store SKU	Item	Nordson
HMS-M-1095703	Module	1095703
T11B08B6S	Solenoid valve	1120826
T2B38P4S	Cordset F	223804
T10P72C4S	Inline filter	1007234

Cordset pinout



1	Gun heater
2	Gun heater
3	Gun RTD
4	Not used (gun ID on Nordson Freedom guns)
5	RTD common
6	Not used (gun ID on Nordson Freedom guns)
Ground	PE, center pin

F cordset, Freedom. Same round 6 pin plus PE connector as water wash. Mates with a Freedom hose. Gun heater 1 and 2, gun RTD 3, RTD common 5, PE ground. Pins 4 and 6 not used: Nordson Freedom guns use them for gun ID (CID), HMSC guns do not have CID. The solenoid has its own 3 pin plug: S1 solenoid +, S3 solenoid −, S4 ground.

Gun side connector, as seen looking into the gun connector: the mirror image of the hose applicator end.

Configuration code, field by field

Field	Code	Meaning
Group	**MB2**	MB2 gun (standard and slim line)
Module type	**BEL**	Mini ball and seat
Orifice	**STD**	Standard module, orifice set by the nozzle
Modules	**04**	4 modules
Voltage	**A**	240 VAC
Air type	**CA**	Common air: one valve fires every module

Field	Code	Meaning
Spacing	**020-020-020**	Center to center between modules, mm: 20, 20, 20
Cordset type	**F**	Freedom
Cordset position	**RB**	Right of the bracket
Solenoid	**SP**	High speed MAC
Hydraulic connector	**F4**	Inline filter, 100 mesh, 45 degree fitting
Ports	**3**	Three ports

Not finding what you need? We build custom guns: any module count, spacing, cordset position and options. Call 1-888-202-1788 or email sales@hotmeltsupplyco.com.

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