

nMill™ is a high speed spindle designed for micro-precision milling, drilling, and polishing. Featuring a 50,000 RPM motor and spindle with less than 1µm total runout, nMill™ is the perfect tool for the post processing of thermoplastics and more. nMill™ is equipped with a dust collection system that will keep both the work piece and machine debris free. nMill™ also includes an air coolant nozzle to prevent the thermoplastics from melting and reduces the processing time. nMill™ has a 1/8" collet for the use of a wide range of bits and comes standard with an end mill exclusively designed for plastic processing, micro drills for high accuracy vias, and a polishing wheel for creating that smooth finished part.



Size:

H 220.3 x W
24.9xD51.1mm
(H 8.67xW0.98
x D 2.01in)

Weight:

0.68kg(1.5lb)

Maxspeed:

50,000rpm

Airsupply requirements:

clean dry air
0.15 - 0.25MPa
at 1 cfm

Vacuum requirements:

capable of 150
cfm and 60inh₂O
sealed pressure

Features:

- Precision bearings for tightly controlled run-out
- Small form factor
- Vacuum for dust control
- Air coolant nozzle

Parts included:

- nMill with dovetail (spindle, control box, motor)
- Vacuum Hose System (nozzle, filter, hose line, standard 2.5" duct port)
- Air Coolant Nozzle
- 1/8" Collet

Collet sizes:

- Any size between 0.05" up to 1/8"
- Higher precision collets available for select sizes

