

Mini Drill Press

Mini Drill Press

Tool Type: Drill press
Location: Innovation Workshop
Description: Mini drill press
Manufacturer: Cameron

About

Micro drill press for use with small tools and drill bits on precision or fine work pieces. Features an unlimited speed control motor with high torque at low RPM.

Safety Concerns

- Safety glasses, close toe shoes, and long pants must be worn when operating the machine
- Metal chips can be incredibly sharp, do not touch any chips directly instead using an acid brush to remove chips
- Do not inhale any fumes resulting from drilling using oil
- Do NOT wear gloves during operation of machine
- Do not touch tool or spindle until the machine has stopped completely

Operating Procedures

—

Detailed Specifications

- 1/7 HP DC motor

- 1000-30,000 RPM variable speed control
 - Capable of drilling .002" to 5/32"
 - Spindle run out within .0002"
 - 4" X 4" work table
 - J0 spindle taper
-

Reference Documentation

Drill Press SOP

drill-press-instructions-2.pdf

control-manual.pdf

From:

<https://microfluidics.cnsi.ucsb.edu/wiki/> - **Innovation Workshop Wiki**

Permanent link:

https://microfluidics.cnsi.ucsb.edu/wiki/doku.php?id=mini_drill_press&rev=1672963896

Last update: **2023/01/06 00:11**

