

# Cameron

## Manual Micro Drill Presses



**Model 164**



**Model MD-70  
Deep Throat**



**Model MD-90 Micro Max  
(Disassembled)**

See our Web Site and Individual Brochures for More Specifications



**Model MD70-X  
Manual Drilling Station  
with  
Digital Readout Module  
and  
Process Inspection Module  
(Also Available as a Stand Alone Unit)**

### Specifications

- > **Single-Speed Motor for spindle speeds of 9,500; 17,000 & 30,000 rpm**
- > **Smooth Rack & Pinion Feed**
- > **Spindle Runout at Taper less than 0.0001"**
- > **Drills Holes 0.002" to 5/32"**
- > **Dynamically Balanced Spindle, Pulley & Motor for Smoothness**
- > **MD-90 Micro Max converts Bridgeport to Micro Driller**
- > **MD-70 Deep Throat can drill to the Center of a 16" Workpiece**

### Optional Equipment

- > **VEF 100 Video Edge Finder**
- > **Process Inspection Camera**
- > **Digital Readout System**
- > **X-Y Ministages**
- > **Many Chuck Types Available**
- > **Variable Speed Control**
- > **Foot Operated Speed Controls**
- > **Two-Speed Motors**
- > **Dial Indicators**
- > **Precision Ground Res. Bases**
- > **Table Column Stop**
- > **Hollow Spindles**
- > **Chuck Wedges**
- > **Extended Columns**
- > **Slide Tables**
- > **Clear Safety Guard**

The History of

The History of

# Cameron

Over 35 Years of  
Precision Small Hole Drilling Success!

In 1964, the Cameron family began building the first manual Cameron Micro Drill Presses at the very same location they are produced today. Good things last! It was a family business then, and it stayed that way when Anita and Leo Treat took over in 1988. They were proud to carry on in the tradition of Cameron, and have continually worked on strengthening the Cameron reputation for designing and building Precision, Manual Drilling Machines. That they were successful in that endeavor is seen in their list of satisfied customers making products for aerospace & avionics, medical R&D and electronics. The machines are used in repairing clocks and making jewelry and miniature art. Thousands of manufacturers and artists from across the U.S. and Canada work with a Cameron daily. Our reputation has also brought us Customers from places such as Australia, Jordan and India (to mention a few),

With the new Century came new requirements for speed, automation and precision milling. Cameron came to the call. With the development of the 2000 Series Precision Micro Milling & Drilling Centers, we are meeting the future head-on.

If you are in need of a reliable, precise Manual Micro Drilling Machine or CNC Micro Drilling or Milling & Drilling system, you want to turn to Cameron. We have proven, for over three decades, that You Can Depend On Us!

*Proudly Made in the U.S.A. since 1964*

**Contact:**  
**Treat Enterprises,**  
**19401 Rawhide Road**  
**Sonora, Ca 95370**  
**Tel: 800-369-7769 or 209-532-7201**  
**Fax: 209-532-1211**  
**Email: [cmrndp@lodelink.com](mailto:cmrndp@lodelink.com)**  
**Web: [cameronmicrodrillpress.com](http://www.cameronmicrodrillpress.com)**



SEALITHUS BY HFOUORFALOCSEFACD

Precision Manual  
Micro Drilling  
Machines

# Cameron

A Division of  
Treat Enterprises  
19401 Rawhide Road  
Sonora, California  
95370 USA

## Over 35 Years of Small Hole Drilling Success!

Tel: 1.800.369.7769  
Tel: +209.532.7201  
Fax: +209.532.1211  
Email: [cmrndp@lodelink.com](mailto:cmrndp@lodelink.com)  
<http://www.cameronmicrodrillpress.com>

# Cameron

## Manual Precision Micro Drilling Machines



### MODEL 164

# Cameron

is a Division of  
Treat Enterprises