

FOR IMMEDIATE RELEASE!

“NEW INNOVATION”

Buy only the Technology you need



**Utilize the Standard Features,
 Add ONLY the Options
 YOU Need**

Mundt & Associates, Inc. introduces a new series of Cost-Effective Tabletop Laser Workstations, Mundt MT-6610.

Standard Features:

- The Laser Source: Fiber Laser
- Standard 3-Axis XY & Z | 6"x 6"x10" Ball Screw Stages
- Anti-Vibration Leveling Feet
- CCTV | Live Video
- Date Acquisition
- Manually Adjustable Shield Gas Assist
- Light Tower

Optional Features:

- A Heavy-Duty Steel Welded Frame with anti-vibration leveling feet.
 (The fiber laser can be mounted into the frame or under the frame)
- Linear Motor X & Y
- Point & Shoot
- Frame Rotation

- Programmable Laser Pulse Shaping
- Pulse on Demand
- Crash Protection
- Vacuum Source
- FAC Interface
- 2.5 D Cam System
- Micro Machining with Short Pulse Laser Option
- 4th Axis Rotary with Collet Closer
- Vision & Lighting
- Programmable Shield Gas
- Hinged interlocked Side Door on both or either side of the machine
- Bar Code Reader

Some Industries That Can Utilize This Economical Tabletop Laser Workstation:

- Implantable Medical Device Market
- General Medical Industries
- Aerospace
- High End Automotive
- Sensor Market
- Electronics Industry
- Semi-Conductor Industry
- All other Industries requiring tiny parts
- R&D



Mundt Notes:

Clean room space is expensive, the MT-6610 is a small footprint system that answers the need for a powerful robust Tabletop Laser Workstation that specializes in advanced laser technology to meet the demands of today's industry challenges for small, complex high value parts, often manufactured with expensive materials.

Innovation and creative engineering provide automaton solutions by combining a first-class laser workstation with state-of-the-art motion controls, powerful computer technology, user-friendly software, and the latest laser technology.

The New MT- 6610 unit is initially offered with Standard Features, but can be built to suit with Specified Options for Individual specialty requirements.

Functions:

The new Tabletop Workstation is offered as a Class-IV Open Frame system, or with the optional Class-1 Enclosure. This Powerful Tabletop Laser Workstation is ideal for Laser Welding, Laser Cutting, and Laser Ablation.

Custom Applications:

Mundt would be open to building a custom application that utilizes standard and custom options as well as selecting the best laser to suit the custom application.

For more information, please contact:
MUNDT & ASSOCIATES, INC

OEM Manufacturer of Laser Workstations

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MT-6610 Specifications

Travel X Axis 6"
Travel Y Axis 6"
Travel Z Axis 10"
Optional Rotary Continuous

Maximum Speed X Axis
(Ball Screw)6"/sec
Maximum Speed X Axis
(Optional Linear Motor) 15"/sec
Maximum Speed Y Axis
(Ball Screw)6"/sec
Maximum Speed Y Axis
(Optional Linear Motor) 15"/sec
Maximum Speed Z Axis
(Ball Screw) 5"/ sec
Maximum Speed Optional
Rotary Axis 150 RPM

Accuracy X Axis (Ball Screw) +/- .0005"/ft
Accuracy X Axis
(Optional Linear Motor) +/- 5 µm/m
Accuracy Y Axis (Ball Screw) +/- .0005"/ft
Accuracy Y Axis
(Optional Linear Motor) +/- 5 µm/m
Accuracy Z Axis (Ball Screw) +/- .0005"/ft
Accuracy Optional Rotary Axis 30 Arc Sec

Positioning Resolution X Axis
(Ball Screw)000016"
Positioning Resolution X Axis
(Optional Linear Motor)250 nm
Positioning Resolution Y Axis000016"
Positioning Resolution Y Axis
(Optional Linear Motor)250 nm
Positioning Resolution Z Axis000016"
Positioning Resolution Optional Rotary003°

Brushless Servo Motor Control X, Y and Z
Heavy Duty Roller Ways X, Y and Z
Machine Supports 2-1/2" Steel Tubing
Optional Manual Closing Collets (1C)
Optional Chuck for Rotary (2")
Optional Automatic Closing Collet (1C)

