US★E EXTRUDERS

EXPERIENCE • COMMITMENT • INTEGRITY

M★D-EX
THE MODERN
MEDICAL EXTRUDER

An extruder lineup designed specifically for the medical market.

MULTIPLE CHOICES. NO WRONG ANSWER.

MƎD-EX ELITE

FEATURES INCLUDE

Easy To Swap Barrels (.5 In. - 1 In.)

Stainless Steel Surfaces

Gmp Design For Easy Wipe Down

Direct Drive Motor

Clean Wire Management

Powered Adjustment Along Center Line

Easy Air, Water, & Exhaust Access

MƎD-EX FLEX

FEATURES INCLUDE

Swappable Barrel Size Ranges (.5 In. - 1 In. , .75 In. - 1.25 In., Or 1 In. - 1.5 In.)

Direct Drive Motor

Corrosion Resistant Design Options

Low Profile Casters With Integral Jacking Pads

Clean Wire Management

Barrel Mounted On Rails For Easy Adjustment

MƎD-EX FLUORO

FEATURES INCLUDE

Special 27:1 L/D Barrel And Screw Length For Increased Melt Temperature Uniformity

Metering Screw With Low Shear Saxton-Type Mixer To Further Improve Melt Uniformity

Optional Solid Inconel Clamp In Lieu Of Nickel Plating

High Temp Capabilities Up To 900°F

Corrosion Resistant

MƎD-EX CLASSIC

FEATURES INCLUDE

Direct Drive Motor

Easy Lock Cam Assisted Clamp

Integral Feed Section

Pressure Control With Option For Melt Pump

Procontrol Medical Touch Screen Or Discrete Controls Option

DIRECT DRIVE

Energy-Efficient (~10% Less Energy Than A Traditional Ac Motor)

High Level Of Speed Accuracy Even At Very Low Speeds

Quiet Operation

Near Maintenance-Free Operation Due To No Gearbox Or Belt Drive

No Water Cooling Required

FEATURES LISTED ARE GENERAL OPTIONS. ALL OF OUR EXTRUDERS CAN BE TAILORED TO YOUR NEEDS.
WE BUILD THE MACHINE YOU WANT, WITH THE PERFORMANCE YOU EXPECT, AND BACKED BY OUR FULL SUPPORT!

FEED ASSEMBLY CLOSED

FEED ASSEMBLY HINGED OPENED

M≡D-EX SILICONE

FEATURES INCLUDE

Hinged Opening Feed Section

Replaceable Feed Cooling Jacket

Hardened Stainless Scraper Blades

Feed Roll Cooling

Nylon Feed Guard Rollers

Gearmotor (Servo Or Vector) Feed Roll Drive With Torque Control

FEED ROLL MOVED