

R D N

Vacuum Calibration Tanks Custom Engineered For Your Specific Application.

- Total Flexibility For Sizing Of Rigid Plastic Shapes And Profiles.
- Direct Vacuum System Provides Superior Precision.
- Stainless Steel Tank For Wet Sizing.
- Rigid Tool Mounting For Dry Sizing.
- V-Groove Casters And Leveling Screws For In-Line Alterations.
- Handwheels Allow Micrometer Horizontal And Vertical Adjustments.



Wet Sizing Calibration Tank

**Increased
Productivity
Starts Here**

RDN[®]
manufacturing co., inc.

VACUUM CALIBRATION TANKS

Wet Sizing

All of RDN's wet sizing units utilize a durable, 12 gauge stainless steel tank which is divided into separate cooling compartments. The tanks also include a one foot air wipe section. The cooling compartments with supply and drain piping come equipped with manual shut-offs and interior pipes for spray cooling. In addition, RDN's wet sizing machines feature an adjustable water level control for immersion cooling.

Dry Sizing

For dry sizing, RDN can custom build a machine to meet your specific needs. Each unit comes equipped with a rigid table including "T" slot mounting for the calibrator tooling. A stainless steel drain tray extends around the perimeter of the tool mounting table.

Direct Vacuum and Water Cooling Systems

All units are equipped with RDN's Direct Vacuum System which supplies vacuum directly to the calibrator tooling. The stainless steel vacuum manifold includes hoses and fittings, as well as regulator, gauge, air vent and vacuum ports with individual shut-offs. Cooling water is supplied to the tooling with RDN's Direct Water Cooling System. It includes a stainless steel water manifold with water ports including shut-offs, hoses and fittings. The unit also utilizes direct-acting, water ring vacuum pumps with noise mufflers for quiet operation.

Other Features

RDN's vacuum calibration tanks feature handwheels which allow perfect positioning of the tank both vertically and horizontally. V-groove casters and leveling screws are provided to facilitate adjustments during processing. Each unit's electrical controls include start-stop pushbuttons and magnetic starters with thermal overload protection for each motor. Specific dimensions, capacity ranges, weights, etc. vary with application and will be supplied at time of quote.

"Most extruders need a custom vacuum calibration tank. We have developed a process which allows us to give each customer a machine specific to their application at an affordable price."

Dave Wille
President, RDN Manufacturing



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