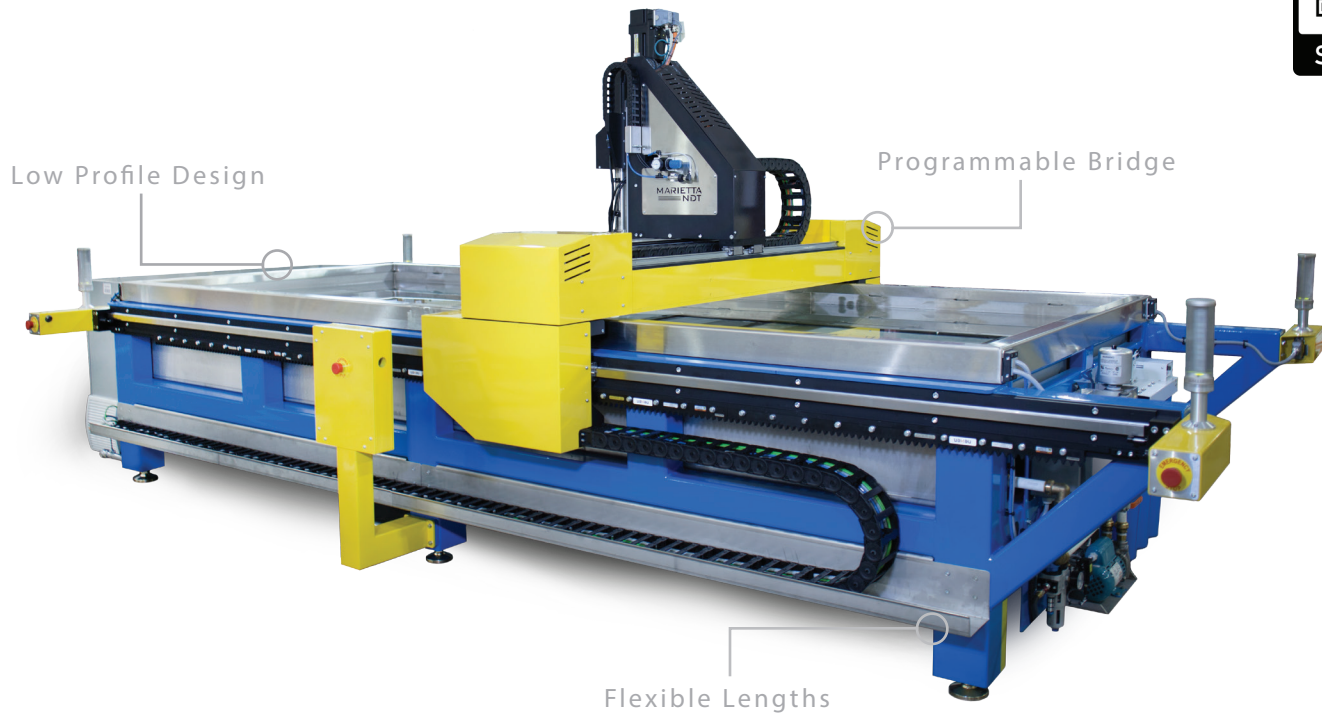


# BRP-5000

Ultrasonic Immersion Tank

MARIETTA  
NDT



BRP-5000

Marietta NDT designs and manufactures a standard series of immersion tanks from small to large applications.

Our premium BRP-5000 Series systems are designed to meet the inspection requirements for large, heavy test parts up to 5000 lbs. with up to six fully programmable coordinated axes of motion. Heavy duty stainless steel water tanks are standard. A heavy duty, free standing manipulator frame unaffected by vibrations and loads from the water tank. The built-in horizontal rotary axis provides part rotation. Optional rotary tables may be provided as a drop-in or permanently mounted into tanks for rotation about the vertical axis.



# BRP-5000

AUTOMATED NDT SYSTEMS

## Benefits

- Integral tank and frame requires minimal foundation prep and setup time
- On-bridge mounted controls and displays provides a comfortable interface for operators
- Flexible fixturing options
- Fully customizable interface with easy operator training and operation
- Adaptable to many ultrasonic instruments based on customer preference
- Well suited for Phased Array or conventional Pulse Echo scan modes

## Standard Features and Requirements

- UTEX InspectionWare platform allows highly flexible configuration and integration
- All motors and encoders are fully compatible with Marietta NDT MultiScan motion control software (with full contour following capability upgrade)
- High speed/high resolution scanning modes
- Built in water pump and filtration system minimizes cleaning and water changes
- Cable carriers with separators to minimize RF noise and ensure high signal to noise ratios
- Swivel/Gimbal or Gimbal/Gimbal options available

**AUTOMATE  
THE WAY  
YOU  
ULTRASOUND.**

