Dengensha
America’s new
Resistance Welding
Test Lab & Training
Center features expanded
test capabilities for much of the
company’s major resistance welding
equipment.
Among many capabilities, our new Resistance Welding Test Lab and Training Center enables Dengensha engineers to better analyze specific customer application requirements to better determine best parameters for more customized equipment. It also offers a “push-out” test capability to confirm weld strength after testing.

“Our new Resistance Welding Test Lab & Training Center is now fully operational and getting plenty of customer interest. We are also receiving new testing requests weekly. Consequently, we have already expanded our list of test capabilities.”

Don Grisez
Dengensha America COO

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Capability or Feature</th>
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<tbody>
<tr>
<td>LinearWave Welder</td>
<td>Capacitor discharge with inverter output, up to 150,000A with 30kN of force</td>
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<tr>
<td>NDZ Capacitor Discharge Welder</td>
<td>50,000A and 10kN of force</td>
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<tr>
<td>MFDC Welder</td>
<td>150kVA with 42,000A and 10kN of force</td>
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<tr>
<td>AC Welder</td>
<td>100kVA with 33,000A and 10kN of force</td>
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<tr>
<td>Vibratory Nut Feeder</td>
<td>To upper electrode with upside nut detection feature</td>
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<tr>
<td>Magnetic Rotary Nut Feeder</td>
<td>Quiet, compact, easy to maintain</td>
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<tr>
<td>Servo X-Gun on FANUC Robot</td>
<td>Maintenance-free reduction gear</td>
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<tr>
<td>Adaptive Control Timer with EIP</td>
<td>Robot-integrated type. Data management software available</td>
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ClassRoom Style & HandsOn Training Capabilities

- Basic resistance welding
- AC and MFDC welder/weld control
- Servo-Gun maintenance training
- LinearWave/CDW capacitive discharge welder
- Nut feeder and bolt feeder maintenance and trouble-shooting
- Weld scope and pressure gauge
- Integrated weld control
- Feeder PLC

Push-out test to confirm weld strength
Reduction Gear X-Gun mounted on FANUC Robot
New Magnetic Rotary Nut Feeder
Ring projection weld test on LinearWave

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