



## Robo-Test™ Auto Steel Test System



**ROBO-TEST™ Auto Steel Test System** represents the state-of-the-art in robotic temperature & sampling manipulators. The system automates temperature and chemistry testing in the EAF. Use of the **ROBO-TEST™ System** reduces accident exposure to Operators, improves accuracy of tests, and reduces delays associated with measurements.

- ✓ Remote Control = ↓ Accident Exposure
- ✓ Compact Design = Preserves Floor Space
- ✓ High Adjustability = Accurate Results
- ✓ PLC Operation = Accurate Control
- ✓ Robust Construction = Low Maintenance
- ✓ Hydraulic Operation = Low Maintenance
- ✓ Water Cooled = Low Maintenance
- ✓ Reduced Delays = Improved Productivity



### WHAT CUSTOMERS ARE SAYING:

*“Results are reproducible and consistent”.*

*“The machine requires almost no maintenance. We rarely work on the ROBO-TEST during our weekly maintenance day”.*

*“This is the best machine we have installed in our melt shop”.*



**Safety**

**Productivity**

**Reliability**

## OPERATIONAL DATA

<b>Mounting Position:</b>	<b>Fixed Platform</b>
<b>Power On Testing:</b>	<b>Yes</b>
<b>Control:</b>	<b>Remote Control (Floor, Pulpit or HMI)</b>
<b>Cartridges:</b>	<b>Temperature, Carbon, Oxygen, Sample, Combination</b>
<b>Cartridge Sizes:</b>	<b>According to Industry Standards</b>
<b>Cycle Time:</b>	<b>Approximately 30 Seconds</b>
<b>Immersion:</b>	<b>300-400mm</b>
<b>Adjustability:</b>	<b>Extensive (Entry Elevation, Radial, Immersion Depth)</b>
<b>Pole Change Time:</b>	<b>3 Minutes</b>

## TECHNICAL DATA

<b>Hydraulic Pressure:</b>	<b>100 bar - 1500 psi</b>
<b>Cooling Water:</b>	<b>6m<sup>3</sup>/Hr - 4 Bar Supply Pressure</b>
<b>Electrical Requirement:</b>	<b>440V AC / 60 Hz / 1 KVA (customizable)</b>
<b>PLC:</b>	<b>Customer Preference</b>



And more...

Let us help you find the best solution for your furnace.

**FAST**  
**TECHNOLOGY S.R.L.**

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