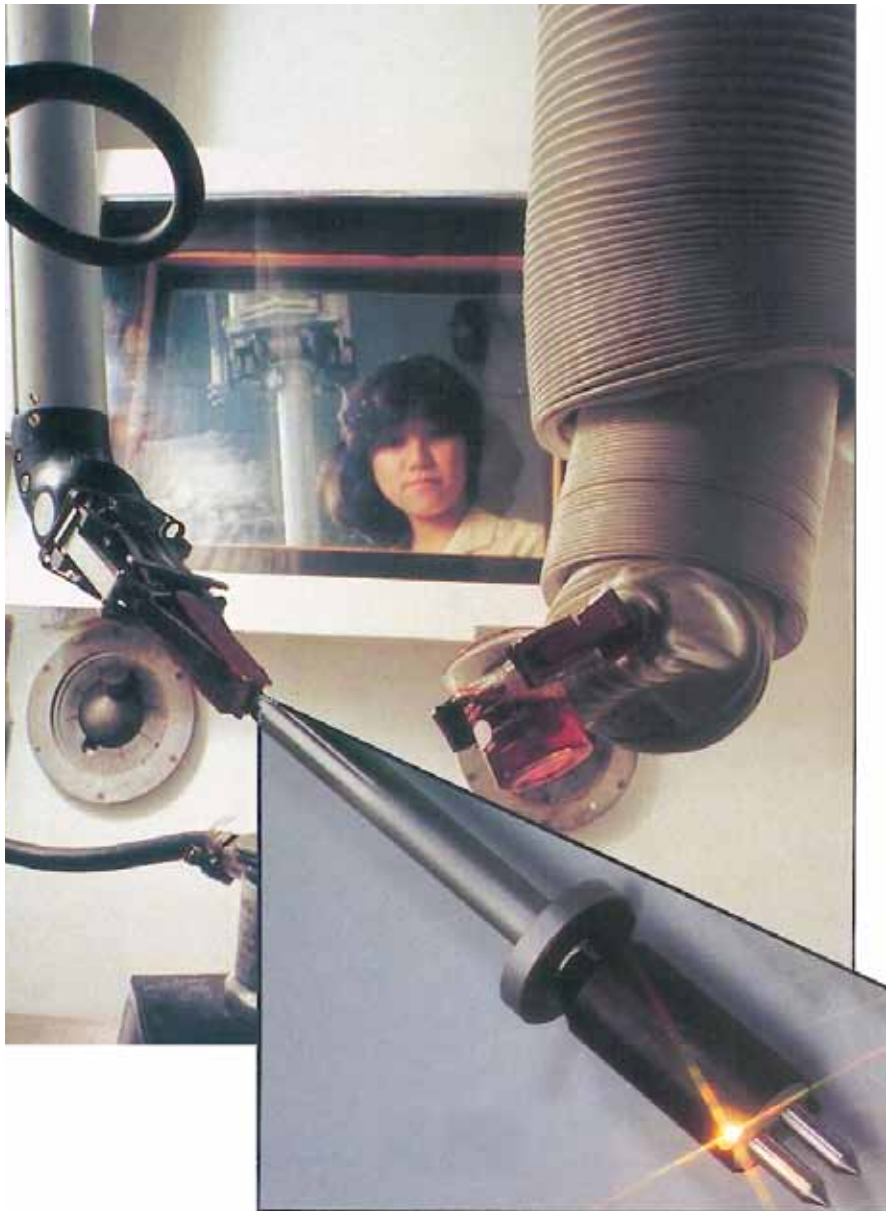


## CUSTOM MODIFICATIONS

**OMEGA Gets a Handle on Robotics  
by Removing the Handle!**

## CUSTOM ENGINEERING LEVEL I



### A CASE IN POINT

A customer needs to incorporate a high temperature probe into an automating process, where the temperature of molten metal slabs is being taken with a robotic arm.

### PROBLEM

The robotic arm is used to measure temperatures as high as 620°C (1148°F). The customer initially looks at OMEGA's high temperature foundry probe featured in the Temperature Handbook. This probe is appropriate for measuring temperatures of molten metals in this range, but is not available as a standard product without a handle. Also, to match existing instrumentation, the user requires Iron-Constantan (Type J) thermocouples instead of the standard Type K.

### OMEGA SOLUTION

Customer faxes a copy of the probe he envisions to the Custom Engineering fax number shown below, with the exact dimensions and specs required to fit and work with the robotic arm. OMEGA manufactures a variation of the standard foundry probe for this customer; however, the handle is omitted and a special flange is welded on so the customer can simply attach the probe to his robotic device.



PHONE, FAX OR E-MAIL  
WITH YOUR SPECIAL REQUESTS

**1-800-82-66342**  
**1-800-TC-OMEGA®**

Custom Engineering Fax:

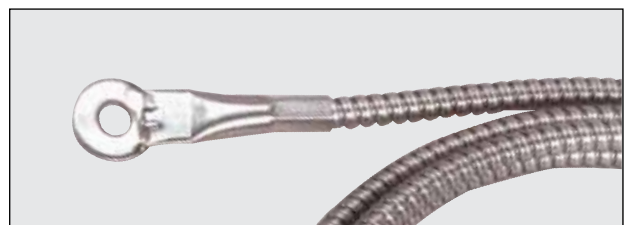
**1-203-359-7890**

e-mail Custom Engineering  
custom@omega.com

**...If You Don't See What You're Looking For, Ask Us!**



Special Connector Terminations Allow Use of RTD Probes With Almost Any RTD Handheld Meter



Stainless Steel Armored Cable Increases Washer Thermocouple's Abrasion Resistance