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## Home of the Original Compact 1400 C Furnace Systems for Materials Testing

AMTECO Incorporated is a business that specializes in materials testing equipment design, manufacturing, and sales. AMTECO has been in business since 1993 when it began to offer the Original Compact 1400 C Furnace System for high temperature ceramic composite testing. Today AMTECO furnaces are utilized at many leading research and production laboratories around the world.

The simplicity of use and rugged performance has been proven with over 25 years of day-to-day service.

Furnaces are designed and built for fatigue, tension, and compression testing of metals / composites / ceramics.

Each furnace is built with durable stainless steel construction, single piece ceramic furnace cavity, translating furnace halves for easy access, thermal shock resistant heating elements, rapid heating rates > 200 C / minute.

**Optional View Ports available for 275 and larger furnaces for any optical interrogation that may be required.**

- Silicon carbide heating element construction
- 1700C rated insulation system
- Standard column mounting included
- Accomodates most standard specimen sizes
- Multi-zone thermocouple for independent control of each zone
- Accomodates all leading brands of high-temperature axial extensometers



**Model: HRFS-275-2Z**



**Model: HRFS-350-2Z**



**Model: HRFS-350-1500-2Z**

Model	Temperature Range	Dimensions (Inches)	Zones	Utility Requirements	Price
HRFS-150-1Z	100 C – 1400 C	1.50 X 9.0	1	120 VAC / 10A	\$5975.00 *Base
HRFS-275-2Z	100 C – 1400 C	2.75 X 9.0	2	120 VAC / 20A	\$6975 *Base
HRFS-350-2Z or 3Z	100 C – 1400 C	3.50 X 9.0	2 or 3	120 VAC / 20-30A	\$7875.00 *Base \$8475.00 *Base
HRFS-350-1500-2Z	100 C – 1500 C	3.5 X 9.5	2	120 VAC / 20A	\$12590 * Base

\*Prices and specifications are subject to change without notice. Please visit our website at [www.amtecoincorporated.com](http://www.amtecoincorporated.com) for the latest products and information.