

# KYK Furnaces Inquiry Sheet



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Greenville, South Carolina  
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## Customer Information

Company: \_\_\_\_\_ Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_  
E-mail: \_\_\_\_\_ Website: \_\_\_\_\_

## Application Information

Equipment location (If different from above address): \_\_\_\_\_  
Necessary equipment: L.T. furnace, H.T. furnace, other: \_\_\_\_\_  
Application: For Laboratory, For Pilot line, For Production line, Other \_\_\_\_\_  
Type of products: Carbon fiber (PAN), Tensile strength: \_\_\_\_\_ N/m<sup>2</sup> Modulus: \_\_\_\_\_ GPa  
Products application: Aerospace, Industrial, Leisure, Other \_\_\_\_\_  
Expected production (Carbon fiber): \_\_\_\_\_ Kg/hr. (\_\_\_\_\_ Lbs/hr), \_\_\_\_\_ Ton/yr (\_\_\_\_\_ Lbs/yr)  
Total Operation time/yr: \_\_\_\_\_ Hours/yr  
Precursor denier range: \_\_\_\_\_ denier/filament, \_\_\_\_\_ filament/tow  
Number of tows/sheet : \_\_\_\_\_ K x \_\_\_\_\_ tows (Total: \_\_\_\_\_ K)  
Sheet width: \_\_\_\_\_ mm x \_\_\_\_\_ sheet (s)  
Fiber yield: Before L.T. furnace: \_\_\_\_\_ denier, After L.T. furnace: \_\_\_\_\_ denier  
Before H.T. furnace: \_\_\_\_\_ denier, After L.T. furnace: \_\_\_\_\_ denier  
Line speed: \_\_\_\_\_ m/hr (\_\_\_\_\_ ft/hr)  
Process time in LT & HT furnace: L.T.: \_\_\_\_\_ min. H.T.: \_\_\_\_\_ min.  
Necessary width for inside furnaces: \_\_\_\_\_ mm.  
Necessary height for inside furnace: \_\_\_\_\_ mm.  
Maximum temperature: \_\_\_\_\_ degree (C). Total heated length: \_\_\_\_\_ m.  
Composition of exhausts gases: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
Power supply: Volts: AC \_\_\_\_\_ Phase: \_\_\_\_\_ Hz: \_\_\_\_\_  
Space restrictions (height, width, length, etc. if any): \_\_\_\_\_  
Please fill any information available: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please note that the export of this equipment is subject to approval of Japanese government, due to the Foreign Trade Control Law and related laws in Japan.