|  |  |  |  |
| --- | --- | --- | --- |
| Date/Time In:       | Submitted by:       | Operational by this date:        | **Quote Due Date:**        |
| Company: |       | Contact: |       |
| Address: |       | E-mail: |       |
|  |       | Phone: |       |
| **Quote Model(s):** |            | **Status:****(Required)***Select one* | *Budgetary: Price only (no spec/drawing)**Funded: Full spec/drawing required* |
| **Notes:** *(Please fill out all appropriate fields, use this section for details only. Please avoid paragraphs if possible)*          Revision notes:       |
| Test Standard(s):       If flammable, **AIT:**     °C*(List all that apply, attach a copy of the test spec. in Quickbase)**If flammable please provide MSDS with Auto Ignition Temperature*   | [ ]  UL-508A*Electrical panel only* | [ ]  NRTL*Full UL chamber inspection onsite* | [ ]  CSA*Canadian electrical standard* | [ ]  CE Mark*European electricalstandard* |
| Volume: | [ ]  Std or       | cu. ft. | Interior : |      W x |      D x |      H |
| **Overall Range** | [ ]  Std or       | to |       | [ ]  °C or [ ]  °F |
| Humidity | [ ]  n/a [ ]  Std or       | to |       | %RH |
| **Ramp Rate** |       to       @      °C/min. or      °F/min. Measured at [x]  Supply [ ]  Product [ ]        |
| Steady State | [ ]  n/a or       °C |  |       | %RH |
| Fluctuation | [ ]  Std or       °C |  |       | %RH |
| Gradient | [ ]  Std or       °C |  |       | %RH |
| **Test Load**[ ]  Ea. Qty.     [ ] Total | Product:       | Composition:        |
|  | Weight:       | Live Load:       |
|  | Dimensions |       W x       D x       H |
| **Utilities** | **Power****(Required)** |       | **Cooling Method****(Required)** | [ ]  Water [ ]  LN2 only[ ]  Air (Remote Air Cooled Condenser) [ ]  Air (Integral, 6HP or less) |
| **Verify with customer** | Special utilities: | LN2? [ ]        | Compressed Air? [ ]   | Humidity water? [ ]        |
|  | **Move-in Limits**  |      W x      D x      H | **Site Limits** |      W x      D x      H |

|  |  |
| --- | --- |
| **Instrumentation**[ ]  P-300 [ ]  Watlow F4(T) [ ]  Other:       | **APPLICATION SPECIFIC OPTIONS****BATTERY SAFETY OPTIONS:**[ ]  Add standard battery testing safety option listFire suppression material[ ]  CO2 [ ]  FM-200 [ ]  Argon [ ]      [ ]  Custom Option:      **AGREE CHAMBER OPTIONS:**Shaker (Mfg./Model):       [ ]  Check box if ESPEC to supply shaker (not recommended)Please submit a drawing of the shaker in Quickbase[ ]  Diaphragm floor (vertical)[ ]  Diaphragm floor (horizontal)[ ]  Sliding door in lieu of swinging door[ ]  Solid floor[ ]  Pneumatic clamps[ ]  Casters and tracks      ft. of movement[ ]  Cable slot size      ” x      ”[ ]      **WALK-IN CHAMBER OPTIONS:** |
| **STANDARD OPTIONS:***If option is marked it will be added to the chamber price*[ ]  Web controller [ ]  GPIB (IEEE-488) [ ]  RS-232 [ ]  RS-485[ ]  Event relays Qty      [ ]  Ethernet for Watlow F4(T)**Recorders** [ ]  Paperless: 6-channel  [ ]  Tru-Line circular Pens      [ ]  100mm strip chart (6 pen) [ ]  Other:      [ ]  Product temperature monitor[ ]  Product temperature control[ ]  Emergency stop[ ]  Remote console      ft.**Humidity:**[ ]  DI filter[ ]  Spare DI cartridges[ ]  Water tank[ ]  Re-circulation[ ]  Low humidity[ ]  Solid state humidity sensor**Refrigeration:**[ ]  Remote air cooled:      ft. piping (40’ std.)[ ]  Remote machine section:      ft. piping (20’ std.)[ ]  Refrigeration silencer[ ]  LN2 Boost [ ]  Dry air purge[ ]      **General**[ ]  Shelf [ ]  Heavy duty Qty      [ ]  Inner glass door[ ]  Casters[ ]  Cable ports Size       Qty.      [ ]  Window Size       Qty.        |  |
|  | **Floor** | [ ]  Standard (600 psf) *ex: Foot traffic or carts < 200 lb.*  |
|  |  | [ ]  Medium duty (900 psf) *ex: 800 lb. carts on 4” casters* |
|  |  | [ ]  Heavy duty (1,500 psf) *ex: 2,000 lb. carts on 4” casters* |
|  | **Airflow** | [ ]  Standard | [ ]  Horizontal  |
|  |  | [ ]  Full perforated ceiling[ ]  Overhead ducting  | [ ]  Dist. Supply[ ]  Dist. Return |
|  | **Main door size**       [ ]  Single swing [ ]  Bi-parting[ ]  Ramp [ ]  Outlets      V Qty       [ ] Interior [ ]  Exterior[ ]  Powered?      A[ ]  Make-up air for personnel in the chamber[ ]  Exhaust blower      CFM[ ]  Installation matting[ ]  Ante room[ ]       |