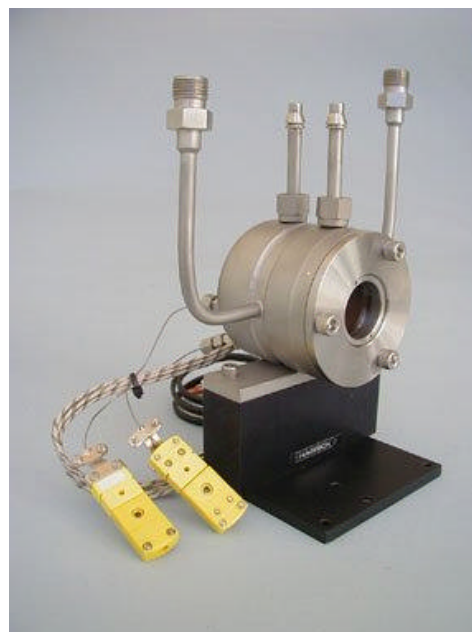


# High Temperature Cell

## Features :

Thermally-insulated to inhibit heat loss.  
 Easy to disassemble for sample exchange and cleaning.  
 Fabricated from chemically-resistant 316 stainless steel.  
 Accommodates samples 25mm in diameter and up to 10mm in thickness.  
 Optional inserts available to hold 10mm, 13mm, and 15mm diameter pellets.  
 Water-cooling eliminates the need for high temperature window seals.  
 K-type thermocouple.  
 Two 1/4" 316 stainless steel VCO fittings.  
 Includes two 32x3mm KBr windows and mating hardware for the specified FT-IR spectrometer.



Windows and O-rings	
<b>Windows:</b>	
CaF <sub>2</sub>	WFD-U36
BaF <sub>2</sub>	WHD-U36
NaCl	WLD-U36
ZnSe	WMD-U36
KBr	WPD-U36
<b>O-rings:</b>	
Viton	ORV-024
Kalrez	ORK-024

## Application :

Permits spectroscopic studies of solid samples at temperatures ranging from ambient to in excess of 500°C

Ordering Information	Catalog No.
High Temperature Cell, 110V	HTC-1-XXX
High Temperature Cell, 220V	HTC-2-XXX
Optional and Replacement Parts	
Insert for 10mm diameter pellet	038-141-1
Insert for 13mm diameter pellet	038-141-2
Insert for 15mm diameter pellet	038-141-3
Automatic Temperature Controller, 110V	ATC-001
Automatic Temperature Controller, 220V/240V	ATC-002
Heater, 100W, 110V	HSC-251.25
Heater, 100W, 220V	HSC-251.25-2
Vacuum Pump , 110V	VPA-001
Vacuum Pump , 220V	VPA-002

SmarTeam Scientific Corp.

TEL:04-2473-7828 02-2232-7158 FAX:04-2473-7829 2232-9395

www.smarteam.com.tw