



National Centre for Physics
Detailed specification Document

A-205

S#	Title of the Project		A/U	QTY
	Item	Specification		
1.	Mini probe station HCP621G-PM-mK2000	HCP621G-PM Hot and Cold Mini Probing Plate with gas-tight ($x \cdot 10^{-3}$ mBar, or $x \cdot x$ uBar) chamber, gas-purge capability (up to 0.5 Bar), and electrically grounded sample area ($\varnothing 26$ mm inscribed hexagon). No transmission aperture. Configured with an mK2000 temperature controller. Temperature range: -190C to 600C**, 4 spring-based electrical probers, with 4 coaxial BNC on the frame. Probes are not movable if cover is on. Includes probing plate, temperature controller with USB communication port, and Instec host software with SDK. Universal Input Voltage. **Operation below ambient requires an optional cooling accessory.	Nos	01
2.	LN2-P4D3	Liquid nitrogen cooling system. Consists of an LN2-D3, 3 liter dewar, refillable dewar lid and an LN2-P4, 4-stage pump. Universal power input.	Nos	01

Note: All the components installed should be compatible with the system and each other.

Please tick the relevant box

Installation Testing Commissioning Training

Warranty requirement Any other please specify