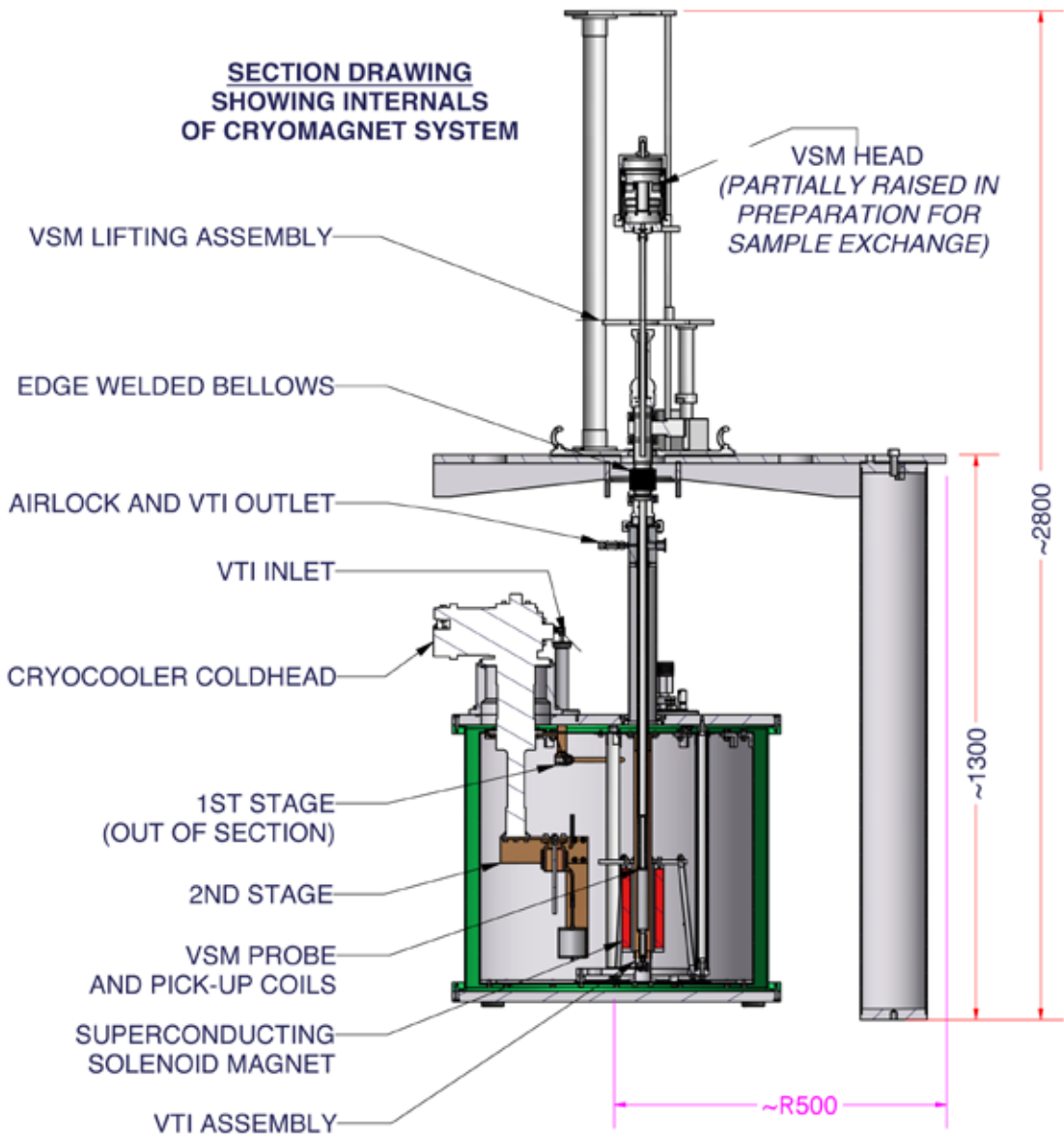


**SECTION DRAWING
SHOWING INTERNALS
OF CRYOMAGNET SYSTEM**



VSM HEAD
(PARTIALLY RAISED IN
PREPARATION FOR
SAMPLE EXCHANGE)

VSM LIFTING ASSEMBLY

EDGE WELDED BELLOWS

AIRLOCK AND VTI OUTLET

VTI INLET

CRYOCOOLER COLDHEAD

1ST STAGE
(OUT OF SECTION)

2ND STAGE

VSM PROBE
AND PICK-UP COILS

SUPERCONDUCTING
SOLENOID MAGNET

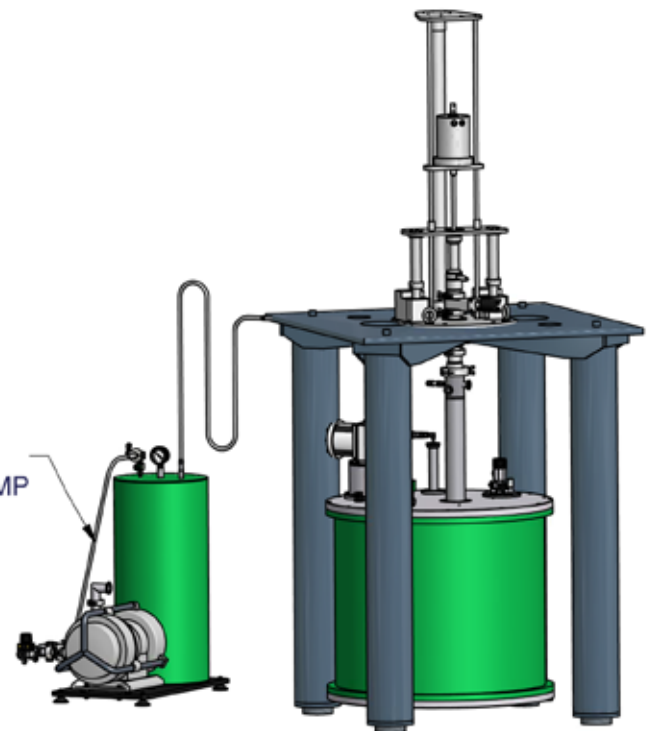
VTI ASSEMBLY

~2800

~1300

~R500

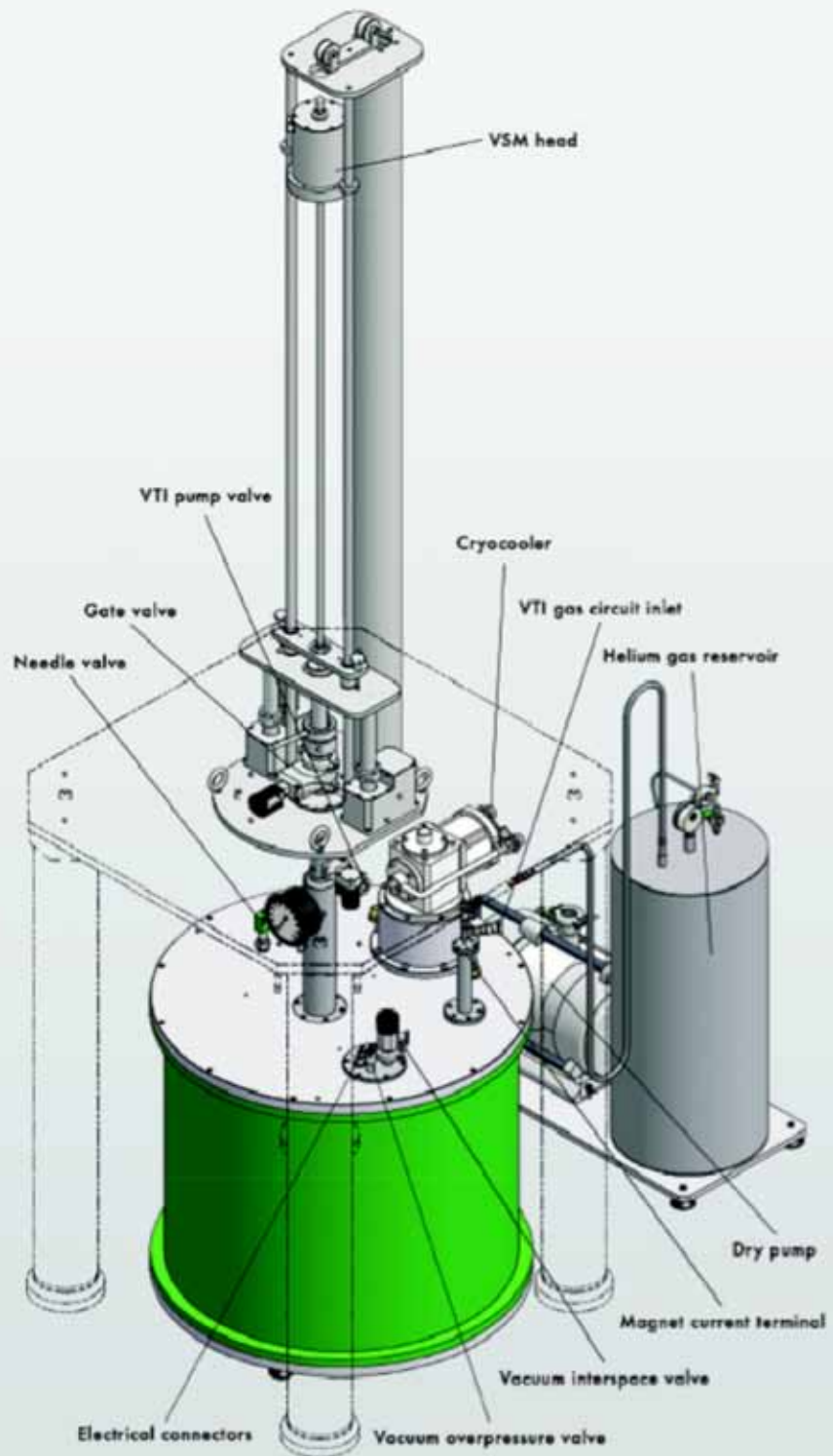
VTI PUMP AND
HELIUM GAS DUMP



NOT SHOWN:

PC AUTOMATED CONTROL SYSTEM,
MAGNET POWER SUPPLY,
ELECTRONICS FOR VSM,
AND CRYOCOOLER COMPRESSOR.

DRAWING No. SALES CFM VSM		CRYOGENIC LTD	
SHEET 1 OF 1	FIRST DRAFT: 21/12/2005 THIS DRAFT: 10/01/2006		
STD.PART No.		MATERIAL SPECIFICATION	CUSTOM FINISH
THIRD ANGLE PROJECTION		7T CFM VSM Measurement System	
<small>THIS DRAWING BELONGS TO CRYOGENIC LTD AND IS ISSUED ON THE CONDITION THAT IT IS NOT COPIED, REPRINTED OR DISCLOSED EITHER IN WHOLE OR IN PART TO A THIRD PARTY WITHOUT THE PRIOR CONSENT OF CRYOGENIC LTD, ACTON PARK, IND. ESTATE, THE VALL, LONDON W3 7QE.</small>		DIMENSION	TOLERANCE (UNLESS STATED)
		MM	± 0.1
DRAWN BY: HN	12.06.35	REVIEWED BY:	QUANTITY 1



VSM head

VTI pump valve

Cryocooler

Gate valve

VTI gas circuit inlet

Needle valve

Helium gas reservoir

Dry pump

Magnet current terminal

Vacuum interspace valve

Electrical connectors

Vacuum overpressure valve