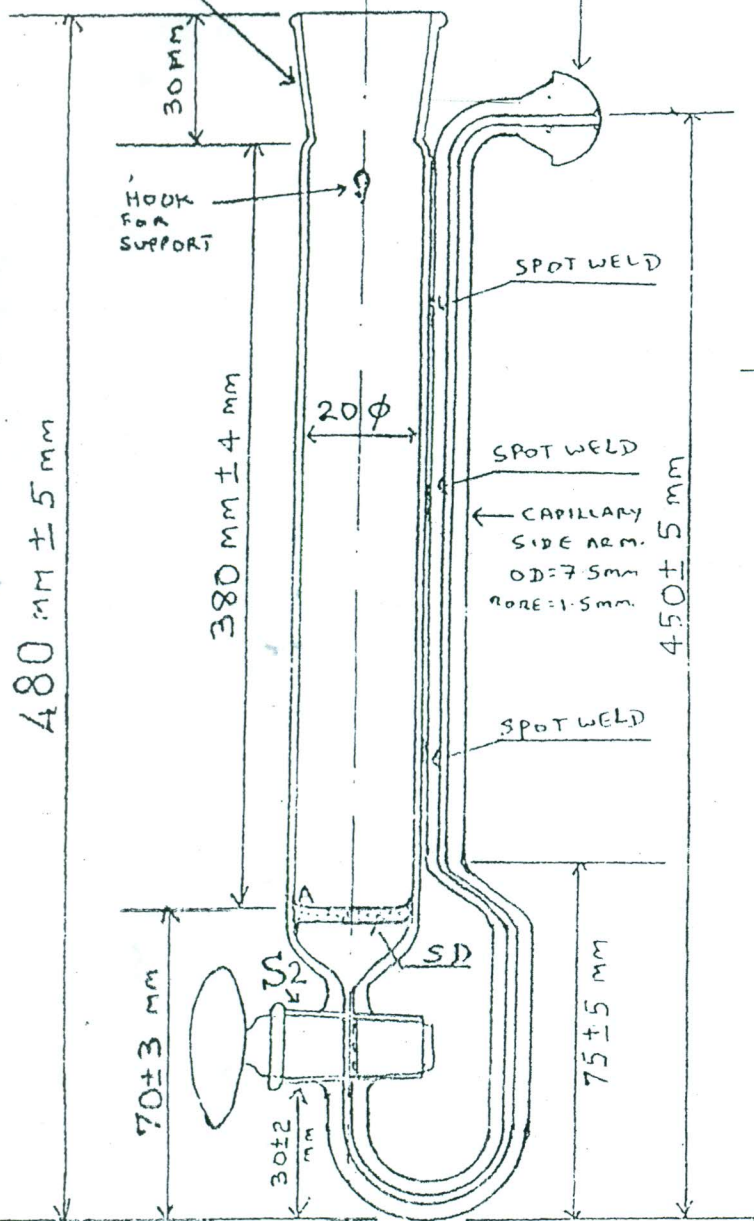


PART 1

STD B-19 GROUND
GLASS JOINT (SOCKET)

S-13 SPHERICAL
GROUND GLASS
JOINT (BALL)

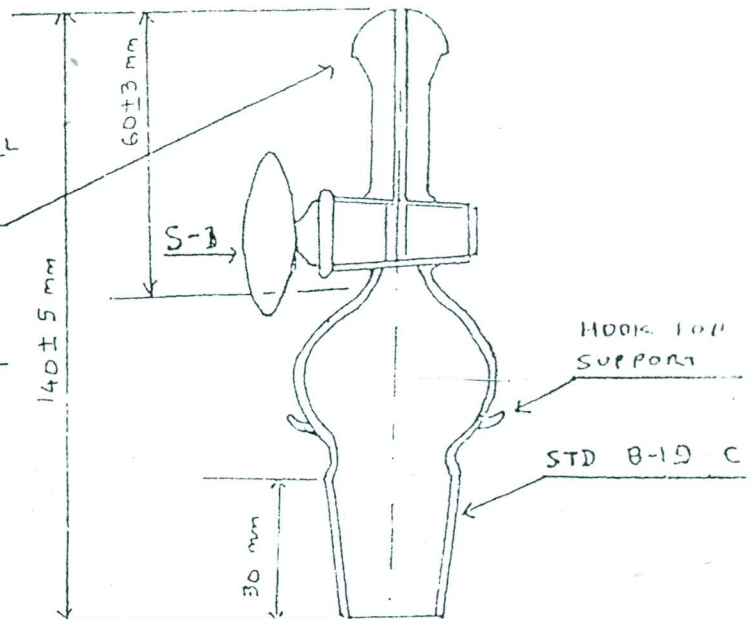


S1, S2 : HIGH VACUUM STOP COCKS

STRAIGHT BORE (2 MM BORE)

SD : SINTERED DISC - G-3 grade.

(GAPLESS FUSING WITH THE
TUBE AT A)



IMPORTANT NOTES.

- 1: ONLY CORNING GLASS MUST BE
- 2: STOP COCKS MUST BE OF SUPERIOR QUALITY TO PREVENT LEAKAGE.
- 3: SINTERED DISC SHOULD BE PROPERLY JOINED TO AVOID LEAKAGE OF AIR BETWEEN DISC AND TUBE.
- 4: THE CLOSED ASSEMBLY SHOULD BE ABLE TO RETAIN VACUUM OF THE ORDER OF 10^{-2} TORR

RADON BUBBLER

SCALE: NOT DRAWN TO SCALE

MATERIAL: CORNING GLASS ONLY

Technical 6

Radon Bubblers made of Borosil Glass with superior quality leak-proof stop cocks and joints such that the closed assembly is able to retain vacuum to the order of 10^{-2} Torr, made strictly as per our drawing 1 & 2 (PISCO Brand equivalent).

Standard CUPS size S-13 capillary, made of Borosil Glass. (PISCO Brand equivalent). The material should be leak proof when connected to the Radon Bubblers.