



- Description:**
- 1- Chamber
  - 2- Chamber Flange
  - 3- Chamber End Flange(Hing Mounted)
  - 4- 6" Pumping Port Connected to D.P
  - 5- 6" Blank Port(with Threaded Feedthrough)
  - 6- 5" View Port
  - 7- 5" Blank Port
  - 8- 5" Blank Port(with KF Coupler)
  - 9- 25K Standard Coupler
  - 10- 16K Standard Coupler
  - 11- 16mm threaded feedthrough
  - 12- Toughened glass
  - 13- Lifting Hook
  - 14- Support Bracket

**Note:**

1. Part No-3, Chamber End Flange should be hing mounted
2. Chamber should be mounted on the bracket (no. 14) which is bolted to aluminum stand (Stand Height - 1.2 m)

FRONT VIEW (DWG-B)

SIDE VIEW (DWG-C)

▽ 8.25      ∇∇ 1.6-8      ∇∇∇ 0.025-1.6      ∇∇∇∇ < 0.025

MACHINING DEVIATIONS FOR NON-TOLERANCED DIMENSIONS

LENGTH IN MM OF SHORTER SIDE OF ANGLES

UP TO 10	10-50	50-120	OVER 120-400 OR D/A	UP TO 10	6-30	30-120	120-315
±1°	±0'-30"	±0'-20"	±0'-10"	±0.1	±0.2	±0.3	±0.5

ALL DIMENSIONS ARE IN 'mm' UNLESS OTHERWISE STATED

SCALE	1:1	DATE	
DRAWN BY	Adarm	20.01.09	
CHECKED BY			
ENG. APPROVAL			
QA APPROVAL			
RELEASED BY			

FCIPT	FACILITATION CENTRE FOR INDUSTRIAL PLASMA TECHNOLOGIES B-15-17/P, SECTOR-25, GDC ELECTRONICS ESTATE, GANDHINAGAR, GUJARAT-382 044 INDIA
TITLE	Vacuum Chamber
REF DRG NO:	
DRG.NO	FCIPT/Basic Expt/A4-001
REV	1 OF 1

Form No: QR/PRD/05 Effective Date: 30-oct-06 Rev: 00

REVISIONS

REV	DESCRIPTION	MADE BY	DATE	APPROVED BY