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TM3 CS LEAK CHECK (HELIUM PRESSURIZE)

CS Vacuum IGI : 2.6×10^{-6} torr

IG1S : 9.2×10^{-6} torr

IG2 : 6.3×10^{-6} torr

LEAK DETECTOR BASE LEAK RATE : 5.3×10^{-9} atm.cc/sec

BASE PRESSURE : 1.8×10^{-2} torr

HELIUM PRESSURE GOSPI

HS (L):

BL 5.2×10^{-9} start 6:14
BP 1.8×10^{-2}

HS (R) start 6:18

BL 5.0×10^{-9} BP 1.8×10^{-2}

TA (+):

start 6:54
BL 4.7×10^{-9}
BP 1.7×10^{-2}

TA (-) start 6:50

BL 4.7×10^{-9}

BP 1.7×10^{-2}

finish 6:17

BL 5.0×10^{-9} BP 1.8×10^{-2}

finish 6:21

BL 4.9×10^{-9} BP 1.8×10^{-2} torr

finish 6:57

BL

BP

No change

finish 6:54

BL 4.7×10^{-9}

BP 1.7×10^{-2}

Tube (-) start 6:47

BL 4.7×10^{-9}

BP 1.7×10^{-2}

finish 6:50

BL 4.7×10^{-9}

BP 1.7×10^{-2}

60 ps!

Tube (+) start 6:44
BL 4.7×10^{-9}
BP 1.7×10^{-2}

finish 6:47
BL 4.7×10^{-9}
BP 1.7×10^{-2}

EE start 7:00
BL 4.7×10^{-9}
BP 1.7×10^{-2}

finish. 7:03
BL 4.7×10^{-9}
BP 1.7×10^{-2}

MSP start 6:57
BL 4.7×10^{-9}
BP 1.7×10^{-2}

finish 7:00
BL 4.7×10^{-9}
BP 1.7×10^{-2}

Coil 1 start 6:40
BL 4.7×10^{-9}
BP 1.7×10^{-2}

finish 6:43
BL 4.7×10^{-9}
BP 1.7×10^{-2}

Coil 2 start 6:33
BL 4.9×10^{-9}
BP 1.8×10^{-2}

finish 6:36
BL 4.8×10^{-9}
BP 1.8×10^{-2}

GE start 6:22
BL 5.0×10^{-9}
BP 1.8×10^{-2}

finish 6:25
BL 4.8×10^{-9}
BP 1.8×10^{-2}

60PS!

WINDOW (L) start 6:26

BL 4.8×10^{-9}

BP 1.8×10^{-2}

finish 6:29

BL 4.8×10^{-9}

BP 1.8×10^{-2}

WINDOW (R) start 6:29

BL 4.8×10^{-9}

BP 1.8×10^{-2}

finish 6:32

BL 4.8×10^{-9}

BP 1.8×10^{-2}

80 psi

BL
BP

4.7×10^{-9} atm. cc/sec
 1.7×10^{-2} torr

TA +

start 7:03

BL 4.7×10^{-9}

BP 1.7×10^{-2}

finish 7:06

BL 4.7×10^{-9}

BP 1.7×10^{-2}

TA -

start 7:06

BL 4.7×10^{-9}

BP 1.7×10^{-2}

finish 7:09

No change

Tube -

start ~~7:09~~ 4.7×10^{-9}

BP 1.7×10^{-2}

finish 7:12

BL 4.7×10^{-9}

BP 1.7×10^{-2}

80PS;

TUBE +

start 7:12
BL 4.7×10^{-9}
BP 1.7×10^{-2}

finish 7:15
BL 4.7×10^{-9}
BP 1.7×10^{-2}

Coil 1

start 7:15
BL 4.7×10^{-9}
BP $1.6 \sim 1.7 \times 10^{-2}$

finish 7:18
BL 4.8×10^{-9}
BP $1.6(1.7) \times 10^{-2}$

Coil 2

start 7:22
BL 4.9×10^{-9}
BP 1.6×10^{-2}

finish 7:25
BL 4.9×10^{-9}
BP 1.6×10^{-2}

80PSI

HS (L)

start $\tau = 25$

BL 4.9×10^{-9}

BP 1.6×10^{-2}

HS (R) $\tau = 28$

BL 4.9×10^{-9}

BP 1.6×10^{-2}

finish $\tau = 28$

BL 4.9×10^{-9}

BP 1.6×10^{-2}

finish $\tau = 31$

BL 4.9×10^{-9}

BP 1.6×10^{-2}

EE $\tau = 31$

BL 4.9×10^{-9}

BP 1.6×10^{-2}

$\tau = 34$

BL 4.9×10^{-9}

BP 1.6×10^{-2}

MS P $\tau = 35$

BL 4.9×10^{-9}

BP 1.6×10^{-2}

$\tau = 38$

BL

BP No change

WINDOW (L R) Both

$\tau = 38$

BL 4.9×10^{-9}

BP 1.6×10^{-2}

$\tau = 41$

No change

GE $\tau = 41$

BL 4.9×10^{-9}

BP 1.6×10^{-2}

$\tau = 44$

No change