Autosampler

Combustion

Reduction

H2O Trap

SC2502

SC0082-1

SC2010

GC Box Front

FROM HT-EA

TO M/S (HT-EA)

V9

Autosampler Solenoid x 2
SI1251

V0

4mm Y Fitting
SI1784

HELIUM/AIR AUTOSAMPLER

OXYGEN IN

1/8"

Electronic Pressure Control
SI2435

EPC2

V7 NC

IN

FROM GAS BOX

V14 NC

IN

VENT

MFC2

Mass Flow Control – O2
SI2319

VENT

V10 NC

IN

TO AUTOSAMPLER

NO

V8

V1 NC

IN

6

5

4

1

2

3

V9

SI0767
6 Way
Valco

TO GC BOX

1/16"

TO M/S (HT-EA)

Fine Control Valve
SI2296

CRIMP
40ml/min

V13 NC

IN

TO GAS BOX

TO GC BOX

FROM HT-EA

SI2085

SI0196

SC0073

SI0196

600° Furnace Sits infront of Reduction Furnace

Mass Flow Control – He
SI2311

MFC1

Electronic Pressure Control
SI2435

EPC1

NO

C

V6

HELIUM IN

CRIMP
15ml/min

TO M/S (EA)

FURNACE COMPARTMENT

PREP COMPARTMENT

TO AUTOSAMPLER PURGE

TCD
SI2346

TCD

P2

P1

GAS FLOW SENSOR 1
SI0366

P2

P1

GAS FLOW SENSOR 2
SI0366

REF

Sample

ID	ADDED MORE DETAILS TO DRAWING	04/01/21	C1
DW	ISSUED FOR MANUFACTURE	06/12/19	C
ISSUED BY	DESCRIPTION	DATE	REV. No.

REMOVE ALL BURRS & SHARP EDGES | DO NOT SCALE

THIRD ANGLE

MATL.

ALL DIMENSIONS IN MILLIMETERS

FINISH

TOLERANCES UNLESS OTHERWISE STATED
±0.15° ANGULAR
SURFACE FINISH 1.6u
0. ±0.5
0.0 ±0.1
0.00 ±0.05

DRG SIZE A3

SHEET

DRN

SCALE DRN

TITLE
ISO EARTH+ PLUMBING

DRG No
10202/004/035

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