

Centura Ultima Gas Panel and Controller Data

Gas Panel information (Ch-A,)

Hand Valve: Veriflo

Air Operation Valve: Fujikin

Transducer: MKS Type LDM

Regulator: Veriflo

Gas	Max flow	Maker	Model
O2	500sccm	Unit	UFC-8161
Ar	300sccm	AERA	FC-D980C
SiH4	200sccm	AERA	FC-D980C
H2	1slm	AERA	FC-D980C
He	400sccm	AERA	FC-D980C
SiH4	50sccm	AERA	FC-D980C
H2	1slm	AERA	FC-D980C
He	400sccm	AERA	FC-D980C
Ar	2slm	AERA	FC-D980C
NF3	2slm	Unit	UFC-8161

Gas Panel information (Ch-B,)

Hand Valve: Veriflo

Air Operation Valve: Fujikin

Transducer: MKS Type LDM

Regulator: Veriflo

Gas	Max flow	Maker	Model
O2	500sccm	Unit	UFC-8161
Ar	300sccm	AERA	FC-D980C
SiH4	200sccm	AERA	FC-D980C
H2	1slm	AERA	FC-D980C
He	400sccm	AERA	FC-D980C
SiH4	50sccm	AERA	FC-D980C
H2	1slm	AERA	FC-D980C
He	400sccm	AERA	FC-D980C
Ar	2slm	AERA	FC-D980C
NF3	2slm	Tyran	SEE BELOW

System Controller

No,	PCB	Result
1	SBC (V452)	OK
2	Blank	OK
3	VIDEO	OK
4	Blank	OK
5	SEI	OK
6	CH-A AI/O	OK
7	CH-B AI/O	OK
8	CH-C AI/O	BLANK
9	CH-D AI/O	BLANK

10	MF AI/O	OK
11	CH-E AI/O	OK
12	MF DI/O 1	OK
13	MF DI/O 2	OK
14	MF DI/O 3	OK
15	MF DI/O 4	OK
16	MF DI/O 5	OK
17	MF DI/O 6	OK
18	STEPPER 1	OK
19	STEPPER 2	OK
20	STEPPER 3	BLANK
21	ROBOT & CASS IDX STEPPER	OK

1	FDD	OK
2	HDD	OK
3	CH-A INTERFACE	OK
4	CH-B INTERFACE	OK
5	CH-C INTERFACE	BLANK
6	CH-D INTERFACE	BLANK Cover missing
7	M/F INTERLOCK	OK
8	L/L INTERLOCK	OK
9	SERIAL ISOLATOR	OK
10	SYSTEM RESET(LIGHT PEN) BOARD	OK
11	LEAK DETECTOR BOARD	OK
12	BRANK	OK
13	CONVECTRON BOARD	OK
14	TC GAUGE BOARD	OK
15	BLANK	OK
16	BLANK	OK
17	CENTER FINDER	OK
18	BLANK	OK
19	BLANK	OK
20	CH-A DI/O 1	OK
21	CH-A DI/O 2	OK
22	CH-B DI/O 1	OK
23	CH-B DI/O 2	OK
24	CH-C DI/O 1	BLANK
25	CH-C DI/O 2	BLANK
26	CH-D DI/O 1	BLANK
27	CH-D DI/O 2	BLANK
28	CH-E DI/O	OK