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MAY 08, 2026

BRIDGE TRONIC

1360 Reynolds Ave suite102
Irvine, CA 92614

CLEANROOM TEST REPORT

Description

The cleanroom is located at 1360 Reynolds Ave. It is designed to be a class 1000 (ISO-6) one-pass modular cleanroom. It is approximately 20'x12'x with a nine foot internal ceiling). There is an external 6'x4' with a nine foot ceiling (ISO-8) gown room.

The walls are a modular wall system: clear acrylic with tube framing. The cleanroom floor is Epoxy. The ceiling is painted grid with vinyl covered board ceiling tiles and flat panel lights.

The cleanroom has (12) 2x4 HEPA fan filter units in ceiling. The HEPA fan filter units push the air from the surrounding space into the cleanroom where it exhausts thru low wall exhaust grills, back to the surrounding space. The gown room has one 2x4 HEPA fan filter unit.

There is one digital gauge that measures room pressure. There are 2 Hepa units ducted to ac.

AIR PRESSURE

- The cleanroom measured 0.047 inches of water positive pressure to building ambient.

AIRBORNE PARTICLE TEST

Airborne particles were tested in the cleanrooms by a Climet CI-150t laser particle counter.

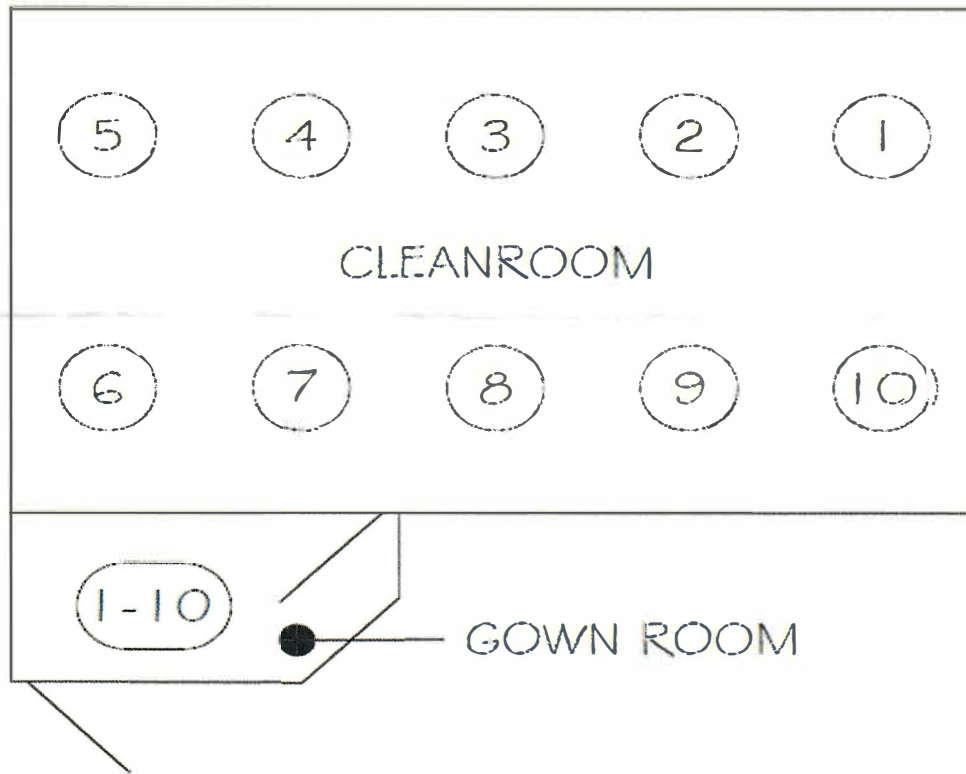


Figure 1. Cleanroom Test Map

Cleanroom Location	0.5 um	1.0 um	5.0 um
1	1	0	0
2	201	74	6
3	173	73	3
4	288	70	2
5	210	54	0
6	181	74	7
7	274	70	2
8	158	40	0
9	144	29	1
10	249	97	9

Table 1. CLEANROOM

Cleanroom Location	0.5 um	1.0 um	5.0 um
1	817	461	38
2	1543	896	75
3	774	452	28
4	462	255	26
5	405	212	18
6	602	359	34
7	571	311	40
8	419	250	31
9	1316	778	68
10	968	580	63

Table 2. GOWNROOM

CONCLUSIONS

Upon the review of all the data collected

1. The cleanroom is in conformance with a class 1000 equivalent class ISO-6 14644 "at-rest".
2. The gown room is in conformance with a class 100,000 equivalent class ISO-8 14644 "at-rest".

RECOMMENDATIONS

1. It is recommended that the room be re-tested annually or whenever there is reasonable cause due to room contamination.
2. Positive pressure should always be maintained by continual operation of the FFU's. The filter should always operate a minimum of 8 hours prior to testing or using the room.
3. Make sure not to block exhaust grill with equipment or product.

Test conducted by:
Francisco Covarrubias on 05/04/2026

Report written by:
Francisco Covarrubias on 05/08/2026



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