



Facilities Engineering
600 Main Street | Bar Harbor, ME

The purpose of this checklist is to assist in determining whether additional physical plant infrastructure is needed when planning for procurement and installation of research or other capital equipment. The checklist is not deemed all-inclusive as unique situations frequently arise. Use of this checklist and the associated resources will help in preventing delays in commencing research or other business activities caused by unrealized requirements. "Equipment" is defined as any electrical or mechanical device to be utilized in the conduct of research or other operations in Jackson Laboratory facilities.

Requestor Name/Dept:

Requestor Phone:

Proposed Equipment:

Manufacturer:

Model #:

Description:

Bldg #:

Room #:

Planned location within room:

Equipment Evaluation

1. Listing Requirements:

Is the proposed equipment listed by a national recognized testing laboratory?

Yes

No

2. Physical Requirements:

Please list equipment dimensions:

Length

Width

Height

Please list equipment weight:

Is equipment bench top or floor mounted?

Bench Top

Floor

Is this equipment vibration sensitive?

Yes

No

Please list any other unique physical requirements of the equipment (Clearances, seismic bracing, etc.):

3. Electrical Requirements:

Please list the proposed equipment's:

Voltage requirements (VAC):

Amperage requirements
(AMPS):

Does the equipment require connection to Emergency power?:

Yes

No

Does the equipment require UPS power?

Yes

No

4. HVAC Requirements:

Please provide the proposed equipment heat (btu/hr):

Does the proposed equipment require clean room level air filtration?

Yes

No

Please identify equipment operating temperature ranges:

Please identify equipment operating humidity ranges:

Please identify any equipment exhaust requirements (cfm):

5. Plumbing Requirements:

Does the equipment require cold water?	Yes	No
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If yes, provide:

Temperature requirements:

GPM requirements:

Pressure requirements:

Does the equipment require hot water?	Yes	No
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If yes, provide:

Temperature requirements:

GPM requirements:

Pressure requirements:

Does the equipment require process water?	Yes	No
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If yes, provide:

Temperature requirements:

GPM requirements:

Pressure requirements:

Does the equipment require drain?	Yes	No
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If yes, provide:

GPM requirements:

Does the equipment require compressed air?	Yes	No
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If yes, provide:

SCFM requirements:

Pressure requirements:

Does the equipment require other lab gas?	Yes	No
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If yes, please describe:

Does the equipment require a vacuum source?	Yes	No
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If yes, provide:

SCFM requirements:

Vacuum requirements:

6. Central Monitoring/Alarming Requirements:

Does the equipment require remote monitoring?	Yes	No
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Does the equipment require remote alarming?	Yes	No
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7. Tele/Data and Fiber Requirements:

Does equipment require tele/data or fiber connection?	Yes	No
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If yes, please describe: