

Quotation #: 2014072505

Date of Quotation: 07-25-2014
EXPIRATION DATE: 08-24-2014

To: Aleph Objects Inc
626 West 66th Street
Loveland CO 80538
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Fax:

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Product Name	Test Type	Emissions Standard	Emissions Class	Immunity Standard	Anticipated Test Duration
TAZ 3D Printer	Formal Compliance	EN 55022: 2010, FCC Part 15, ICES	Class B	EN 55024: 2010	3.5 Days

Description of Test	Standard	Input Voltage	Test Code	Cost
Radiated Emissions, 30 MHz - 1 GHz	FCC Part 15, Class B	120 VAC / 60 Hz	1342	\$700.00
Radiated Emissions, 30 MHz - 1 GHz	EN55022, Class B	230 VAC / 50 Hz	1242	\$700.00
Conducted Emissions, 150 kHz - 30 MHz	FCC Part 15, Class B	120 VAC / 60 Hz	2341	\$350.00
Conducted Emissions, 150 kHz - 30 MHz	EN55022, Class B	230 VAC / 50 Hz	2241	\$350.00
Electrostatic Discharge	EN61000-4-2	230 VAC / 50 Hz	4223	\$600.00
Radiated RF Immunity	EN61000-4-3	230 VAC / 50 Hz	4344	\$800.00
Electrical Fast Transient / Burst	EN61000-4-4	230 VAC / 50 Hz	4401	\$200.00
Surge Immunity	EN61000-4-5	230 VAC / 50 Hz	4515	\$1,000.00
Conducted RF Immunity	EN61000-4-6	230 VAC / 50 Hz	4612	\$400.00
Power Frequency H-Field Immunity	EN61000-4-8	230 VAC / 50 Hz	4801	\$200.00
Voltage Dips and Interruptions	EN61000-4-11	230 VAC / 50 Hz	4101	\$200.00
AC Harmonic Emissions	EN61000-3-2	230 VAC / 50 Hz	3201	\$200.00
AC Short and Long Term Flicker	EN61000-3-3	230 VAC / 50 Hz	3302	\$400.00
Emissions Test Report - Soft Copy	--	--	9040	\$400.00
Immunity Test Report - Soft Copy	--	--	9010	\$400.00

Total Cost: \$6,900.00

Please review quotation carefully.

Unless otherwise stated in the quotation, this quote assumes product will be tested in only one mode of operation. Furthermore, the mode of test should represent nominal worst-case. Please contact EMCI Project Manager for further information regarding worst-case configuration.

Please see below for general notes regarding testing, cost structure and terms and conditions.

If, after reviewing, you wish to schedule, please contact EMC Integrity.

General Notes Regarding Quotation & Testing

- This quotation has been provided per client request and is based on the information provided by the client. If the equipment provided for test and evaluation are significantly different than the characteristics which have been discussed, the quotation will be evaluated and may be modified to include any changes, as appropriate.
- This quote assumes that no anomalies or failures are encountered during testing. If an anomaly or failure occurs, an EMCI representative will immediately consult with the client on how to best utilize the remaining time and proceed with testing.
- If, after an anomaly or failure rework, additional time is necessary to complete testing, the client will need to schedule that time and increase the purchase order accordingly.
- An EMCI Product Data Sheet (PDS) or approved Client Test Plan must be accurately completed prior to commencement of test.
- In the event that any report revisions are required due to inaccurate information provided by the client, report revision fees may be assessed.
- The client must provide all hardware, software, interconnect cabling, support equipment and personnel and/or instructions necessary to exercise and support the product under test. All hardware provided must be fully operational.

Cost Structure

- Commercial radiated and conducted emissions in 10-meter chamber (2.5-meter turntable): \$350/hour. Two hour minimum, billed hourly thereafter, subject to availability.
- Commercial radiated and conducted emissions in 10-meter chamber (4-meter turntable): \$425/hour. Two hour minimum, billed hourly thereafter, subject to availability.
- Commercial immunity, harmonics and flicker in immunity test areas: \$200.00/hour. Four hour minimum for ½ day booked, 6-hour minimum for a full day booked.
- MIL-STD, RTCA and aerospace in shield room: \$250/hour. Four hour minimum for ½ day booked, 6-hour minimum for a full day booked.
- All overtime (after hours, evenings and weekends) may be billed at 1.5 times the applicable hourly rate.
- Rates for EMCI's test reports vary depending on the type of report requested. Any test reports requested by the client will be delineated as line items on the applicable quotation.

Terms and Conditions

- Any scheduled lab time is not confirmed until EMCI has received both 1) a valid P.O. or prepayment and 2) a completed and signed test confirmation form. Both items must be received at least five business days prior to commencement of testing. Failure to meet this requirement will result in the requested time being removed from EMCI's test schedule. Confirmed time is subject to EMCI's cancellation policy.
- Cancellation Policy: Five (5) business days (7 calendar days) minimum cancellation notice is required. If less time than this is given, the minimum hours will be charged for all days that EMCI is unable to resell. Minimums for all test areas *except the 10-meter chambers* are 6 hours per full day booked and 4 hours per half day booked. The 10-meter chambers are billed out for the time that was booked, provided time cannot be resold.
- Billing Policy: For short courses, EMCI requires pre-payment via either credit card or check. For test-related work, pre-payment (credit card or check) is required for all first-time clients and any other client who does not have approved credit with EMCI. For clients with approved credit, **payment is due 30 days from date of billing (unless otherwise negotiated in a mutually signed and approved Statement of Work). Your P.O. must state these terms.** All past due accounts will accrue a service charge of 2% per month, compounded monthly on the unpaid balance. Late payments may result in loss of credit and a return to pre-payment terms.
- Issuing a purchase order implies agreement with terms and conditions stated in this quotation.
- Purchase order must reference EMCI Quotation Number.
- **DISCLAIMER OF LIABILITY:** The services provided by EMC Integrity, Inc. may result in damage to or the destruction of any equipment, component, apparatus or part being tested. In no event shall EMCI be liable for special, indirect, exemplary or consequential damages, or any other damages whatsoever, including without limitation damages for loss of use, data or profits arising relating to the equipment, component, apparatus or part being tested by EMCI or otherwise.
- **INSURANCE:** Clients should maintain insurance, if desired, for any loss or damage that may occur as a result of shipping, in transit, or any other event while in the possession or control of EMCI since it is agreed that EMCI is not liable for such damage or loss except as a result of gross negligence on the part of EMCI.