



Enquiry No.: IITK/CHM/DHD/17-18/4A

Enquiry Date: 12.5.2017

Closing Date: 26.5.2017

Quotations are invited for “Ozone generator (or Ozonator)” for laboratory usage

Specifications:

<u>S. No</u>	<u>Category</u>	<u>Description</u>
<u>1</u>	Ozone capacity	8 g O ₃ /h @ 150 NI SEP gas (94% O ₂ , 6% N ₂ , room temperature 24°C).
<u>2</u>	Ozone concentration	max.: 160 g O ₃ /Nm ³
<u>3</u>	Characteristic	Linear production and operation from 0 ... 100% scale by frequency control.
<u>4</u>	Carrier gas	Ambient air without humidity.
<u>5</u>	Carrier gas flow	0 – 300 NI gas/h and higher.
<u>6</u>	Remote control interface for automatic capacity control	0/4 – 20 mA, built-in
<u>7</u>	Capacity display LED	0.001 – 100.0 % scale, 4 characters
<u>8</u>	Connectors	¼” – 6/4 PFA tube
<u>9</u>	Power supply	230 VAC-50/60 Hz, 0.5 A
<u>10</u>	Material in contact with ozone	quartz and PFA, fully ozone tight and resistant
<u>11</u>	Warranty	3 years warranty.
<u>12</u>	Additional features	<ul style="list-style-type: none"> ✓ Air cooled double walled quartz tube, welded. ✓ Material in contact with ozone: quartz and PFA, fully ozone tight and Resistant. ✓ No seals, no maintenance with zero TCO. ✓ No metal discharge electrode, no corrosion, no emission of particles, fully clean. ✓ No capacity drop by using pure oxygen as carrier gas (no fouling). ✓ Immediate start-up without rinsing with START/STOP switch on front panel or remote control interface. ✓ Flow meter with glass pipe and needle valve in stainless steel. ✓ metal housing 19”/3HU/400 mm, steel painted, with handles. ✓ CE conformity certificate. ✓ Electrical safety against back flow of water into discharge module.



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INSTALLATION:

Should be carried out by vendor's skilled team with ductwork design, fitting, commissioning & testing of the same.

WARRANTY:

Minimum 3 years warranty against all manufacturing defects from the date of installation.

DELIVERY:

As soon as possible after the release of P. O..

Terms and Conditions:

1. Prices should include transportation, installation, and maintenance for three year, including all manufacturing flaws.
3. Maximum educational discount.
4. Other specification according to the above technical requirements including commercial bids.
5. Quoted price should be in Indian Rupees only.

Please mention "Ozone generator for laboratory" on the sealed envelope carrying the quotation and related literature. Send your best offer on or before 26.5.2017 to the following address.

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