



**OFFICE OF THE DEAN ADMINISTRATIVE AFFAIRS**  
**Indian Institute of Engineering Science and Technology, Shibpur**  
**(Formerly Bengal Engineering and Science University, Shibpur)**  
**P.O.: Botanical Garden**  
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**Date: 20/06/2017**

**Corrigendum**

**Tender ID : 2017\_IEST\_212792\_1**

**Tender Reference Number: e-Proc/CHST\_13062017 /PCRS\_IEST/29**

**Name of the works: Supply and Installation of TABLE TOP SPUTTER COATER WITH ACCESSORIES.**

Kindly note that :

**In the CPP Portal , some part in the technical specifications has been modified:**

Existing	Modified
Chamber size Borosilicate glass, 120mm Ø x 120mm high: (~4.75" x 4.75")	Chamber made of Borosilicate glass
0-150 mA to a predetermined thickness (with FTM) or by the built-in timer. The maximum sputtering time is 60 minutes (without breaking vacuum and with automatically built-in rest periods)	0-150 mA to a predetermined thickness or by the built-in timer. The maximum sputtering time is 60 minutes (without breaking vacuum and with automatically built-in rest periods) <b>(In optional Item)</b>
Sample table Holds 12 SEM ½" stubs	Sample table Holds 12 SEM ½" stubs <b>(In optional Item)</b>
Metal evaporation-For thermal evaporation of metals from filaments or boats. Height adjustment through 60mm	<b>Deleted</b>
Digital timer, 5 - 300 seconds with pause	<b>Deleted</b>
Thickness monitoring MTM-10 Thickness control MTM-20 with termination facility Dimensions Width 420mm (16.5"), Depth 295mm (11.6"), Height 287mm (11.3")	Thickness monitoring Thickness control with termination facility Dimensions Width 420mm (16.5"), Depth 295mm (11.6"), Height 287mm (11.3") <b>(In optional Item)</b>
<b>Pumping system</b> Rotary Pump: High speed, direct drive 2-stage; Pumping speed: 3.0/3.6 m <sup>3</sup> /hr (50/60Hz); Pump down time to 0.1mb is 20/25 sec.	Using oil free Turbo-molecular pump backed by rotary pump. Internally mounted, 70L/s air cooled turbo-molecular pump and 50L/m two stage rotary pump with oil mist filter. The vacuum measurement must be by Pirani gauge. The typical ultimate vacuum should be 5x10 <sup>-5</sup> mbar with sputter vacuum range between 5x10 <sup>-3</sup> and 5x10 <sup>-1</sup> mbar.

Rotacota" Type Stage Variable tilt angle, rotary planetary specimen stage, 50mm diameter (rotational speed 8-20 rpm)

PUMP- Pfeiffer 5m3hr1 Stage oil sealed rotary vane pump

ROTA COTA SPECIMEN STAGE- "Rotacota" Type Stage Variable tilt angle, rotary planetary specimen stage, 50mm diameter (rotational speed 8-20 rpm)

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**Sd/-**

**Dean, Administrative Affairs  
IEST, Shibpur**