

extension activities.

### General Technical Specifications of the items:

Item No.	Item	Technical Specification
1	<u>Potter Spray Tower</u>	<p><b>Construction and Equipment Details:-</b></p> <p>Frame: Manufactured from extruded Aluminium Alloy section &amp; Spray Tube made by high grade of stainless steel in pleasing self colour finish of light and durable construction</p> <p>Spray Table Precision made Aluminium Alloy spinning with high finish internally and matt external surfaces, positioned centrally by three screws mounted on the intermediate platform.</p> <p>Nozzles Units supplied in pairs as standard equipment for Intermediate and final spraying Manufactured to close tolerance giving an accurate spray formation, with stainless steel jet and pick-up tube. Fully adjustable assembly for level and centralizing over Spray Table Adjustable for height within the piston of the air cylinder and fitted with eccentrics to the test platform for positioning specimen dish beneath the spray tube.</p> <p>Air Pressure Constant supply of 1.5-2 kg/cm<sup>2</sup> through the input connection controlled by an on/off switch and exhaust valve. Fine adjustment is made by a sensitive needle valve on the left hand side of the instrument giving direct reading on the pressure gauge, or manometer (which is supplied as an extra). This pressure operates the air jack and nozzle head simultaneously.</p> <p><b>General Specifications</b></p> <p>Spray Nozzles (2 nos.): Steel Jet Spray Nozzles for coarse spraying &amp; Fine Spraying</p> <p>Diameter of Spray Tube (Top Flange): 15.7 cm</p> <p>Diameter of Spray Tube (Bottom Flange): 11.9 cm</p>

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(Established by Govt. of Punjab vide Punjab Act No. 5 of 2015)

ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੋਲੋਜੀਜ਼ ਵਰਸਿਟੀ ਬਾਲਕੋਡ, ਬਨਿੰਡਾ

## SCHOOL OF AGRICULTURE SCIENCES & ENGINEERING

Ref. No.- MRSPTU/SASE/25/

Date-

Max. diameter of specimen dish on table: 11 cm Spray Tube length (SS): 69 or 70 cm

Max. working pressure: 2 kg/cm<sup>2</sup>

Smooth Operating Pressure: 15 P.S.I. Max. pressure: 15 P.S.L

Capacity of Glass reservoir: 10 ml (10 CC, Standard)

Piston Air Cylinder: Fitted beneath the spray tube (for Sample dish auto lift, immediate after release air pressure)

Required Chemicals & Laboratory Glassware

### Package Includes: -

- (1) Potter Spray Tower
- (2) Two Spray Nozzles
- (a) One for rich spraying
- (b) 2nd for fine work
- (3) Glass reservoir (standard)10 ml
- (4) Manual

Warranty 1 years Comprehensive warranty from the date of installation, Training

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