LABORATORY TAPE CASTERS

L-series

- PET film based tape casters suitable for laboratory and low production volume
- Wide configurations range
- Automatic gravity slurry feeding
- Casting speed control
- Tape winding for continuous operation

Simple operation and cleaning
BASIC CONFIGURATION:
Laboratory tape casters are made to cast slurries in labs or small scale production in homogeneous tapes or for different low scale coating applications.

Basic laboratory tape caster is suitable for 250mm carrier tape width with a gravity slurry supply. The carrier tape is unwound from a roll with adjustable torque control, which determines carrier tape tension. The carrier tape is guided through a casting box where the slurry of ceramic powder is metered by the doctor blade method. The casting gap is easily and accurately adjusted by micrometer screws, while the gap measurement is done by two measuring gauges. A high precision hardened steel doctor blade and granite bottom ensures highly controlled casting thickness. The tape casting speed is adjustable, wound by servomotor. A 2 meter long drying section is available for tape drying with a connection to factory exhaust system. The amount of fresh and exhaust air is adjustable by valves. At the end the tape is collected together with carrier film and wound into a roll.

AVAILABLE OPTIONS:

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Technical specification:
- Castingspeed: 0.1-3m/min
- Carrier tape width: 250mm max. (10 inch)
- Casting width: up to 220mm max. (8 inch), depends on casting box width
- Blade gap setting: 0 to 5mm range
- Drying section length: from 2 up to 4m, available in 1m steps

How to order:

**CAM-L25x x x x(x x x)**

- Rotating casting wheel (R)
- Exhaust flow measurement (E)
- Slurry supply automatic (S)
- Ionizer device (I)
- Bottom heating (B)
- Top heating (T)
- Dryer length 2,3,4 (m)
- PET width (25 only - max. PET film width in cm; *option: special custom request)
- Laboratory type
- Casting machine

Options and other requirements have to be specified separately.
(x x x) - These options are available in combination with HMI touch, PLC control

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