

Technical Specifications of Motorised Film Applicator

1. The instrument should be able to handle liquids of varying viscosity and should be able to coat on a variety of substrates like polymer, metals etc.
2. The instrument should come with an adjustable applicator able to vary the coating thickness from 0 to 100 μ .
3. The instrument should have a flat bed capable of holding the samples by Vacuum.
4. The instrument should be provided with spiral bar coaters of 140mm width and thickness 4 μ , 10 μ , 200 μ and 400 μ .
5. The applicator should be such that the gap for coating is adjustable for obtaining a tapered coating thickness (if additional weights needed, please provide)
6. The instrument should have carrier capable of taking different carrier speeds from 5mm to 100 mm/sec.
7. The instrument should be sturdy and strong enough to reduce the external noises affecting the coating procedure.
8. The instrument should have attachments for adjustable film applicator as well as spiral coater.
9. The instrument should be supplied along with a vacuum pump.

General Specifications of Motorised Film Applicator.

1. The equipment must be installed by the technical persons of the vendors.
2. Proper demonstration and training should be given to the users by the application engineer after successful installation by the well-trained service engineer.
3. All the necessary accessories should be provided.
4. The list of at least five users of quoted model installations in India including contact details (name of the person-in-charge, email and phone number) is to be provided. This information will be used for obtaining technical and after sales support of the bidder.
5. The list of atleast five CFTI/Industries where the instrument was supplied in the past five years is to be provided.

6. The cost should include 12-month warranty
7. There must be a local Service Centre in Chennai or nearby cities in India. The downtime should not be more than 36 hours. Detail of service persons to be provided during bid submission.
8. Payment conditions: 90% on delivery and 10% after installation and demonstration
9. The system should be delivered within 16 weeks from the opening of the letter of credit or issue of the purchase order, whichever is later.
10. Price should be quoted for all the individual items in the specification. IIT Madras will decide on the purchase of number of items based on our requirement after arriving L1.