



**The New**  
**Micro Scientific**  
**Bench top**  
**Two-Roll Mill**  
**Type LRM-M-100**



The new modern designed **Scientific** bench top two-roll mill from Labtech is made with the same high quality standard and workmanship as its bigger brothers. The mill offers a very economic alternative for use in learning institutes and laboratories where milling of small polymer batches is sufficient. It has the following features:

- Suitable for compounding small batch sizes of 25 to 50 g
- Supplied as standard with 1.5 kW variable speed drive for the rolls with a fixed roll friction of 1:1.2. The drive is equipped with an enclosed helical gear transmission connected to the rolls with chains for a smooth and very quiet run even at high RPM and high load.
- Electric heated rolls with a max temp of 300 °C. Heated with one zone for each roll and with higher heat intensity at rolls ends for an even temperature distribution along the entire working area.
- Roll diameter of 100 mm and Nip-Gap adjustment made with two ratchet type wrenches equipped with micro scale indicating the gap distance.
- Bronze side platens
- Full safety features with interlocked cage over the rolls which will stop the rolls instantly when activated.
- Ideal for use in combination with the Labtech bench top press for preparing plagues, e.g. for colour matching, from the small batches made on the mill.

**Machine Specifications**

Roll diameter	(mm)	100
Working width of rolls	(mm)	150
Batch size	(g)	30 – 50
Drive power	(kW)	1.5
Roll speed (Infinitely variable)	(RPM)	2 – 25
Friction ratio		1:1.2
Gap adjustment	(mm)	0.1 – 10
Dimensions (W x H x D)	(mm)	890 x 669 x 449
Weight	(kg)	250

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