

## Special dispenser for disposable dual barrel syringes

On occasion, we are asked to help customers with special [dispensing](#) requirements – something which can't be done with off-the-shelf equipment.

The Nuffield Department of Clinical Laboratory Sciences at the John Radcliffe Hospital, Oxford were working on the generation of nonviral gene therapy formulations. They wanted a reproducible method to mix the materials from twin barrelled plastic syringes through a static mixing nozzle. We were delighted to get involved. The project has been [written up](#) in the journal [BioTechniques](#). Called the **LMD 2**, the unit is a success.

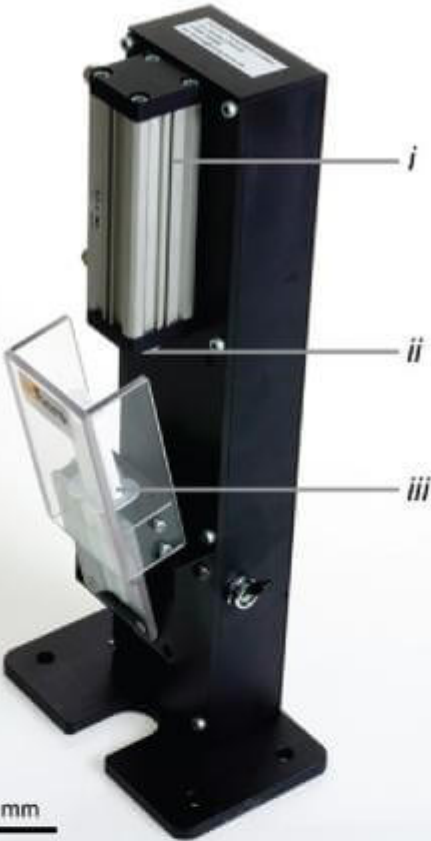
In summary, we have developed a simple, practical mixing device that offers significant improvements over current production methodologies. The LMD 2 is quick, easy to use with a wide variety of reagents, and directly scalable for the production of formulations in the laboratory or in the clinic.

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Our Technical Manager, Paul Whitehead, is specifically thanked in the paper for his assistance and construction of the **LMD 2**.

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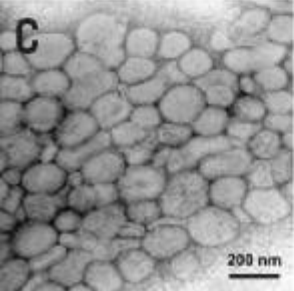
**A**



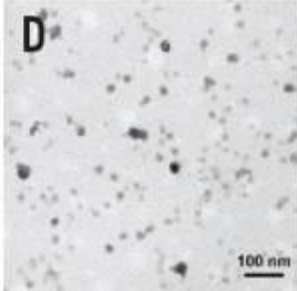
**B**



**C**



**D**



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Supplied by:

**intertronics**

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