

# Sartorius MSE3.6P-000-DM Cubis Micro Balance

## What is it?

- A microbalance for weighing small particles – such as seeds, small rocks, flowers, small animals (deceased only!) (and no corrosive chemicals)

## Where is it?

- Plant Ecology Lab, rm 313, Ecosystem Management (W055)

## What does it do?

- Measures the mass of small particles from 0.001mg to 3100mg. Accuracy depends on temperature and humidity see this link [pdf] for further specs but for example, a seed that weighed 1.1 mg would be to an accuracy of about  $\pm 0.003$ mg when operating at 22°C. A laptop can be attached to it for collecting the data.

## Who can use it?

- Anyone who has been inducted and is undertaking UNE related research, teaching or outreach preparation

## What training and access?

- \*You will need to be inducted in use of the Sartorius micro balance and also for access to the lab that houses it. Access after hours is not routine but can be organised

## Who to see?

- Contact technician: Ian Simpson [isimpso4@une.edu.au](mailto:isimpso4@une.edu.au);  
Contact academic: Caroline Gross

\* This is replacing a balance that was broken through misuse and so training is essential.



Pan size is 30mm wide  
with access for up to  
70mm high objects