

## Leaf Porometer, Hand Held

A hand held leaf porometer that measures the amount of water being evaporated from a leaf through small pores in the leaf known as stomata. The device measures stomata conductance by putting a leaf in series with two known conductance elements, and comparing the humidity measurements between them.

- Manual and Auto read mode options
- Automatic sampling mode removes user subjectivity
- No daily calibration
- No tubes, pumps, fans, moving parts or heavy equipment
- Accurate steady-state measurement
- Very simple, easy-to-use interface
- Includes software for downloading data
- Robust Design

Catalogue No	<b>AG51-220</b>
Conductive range:	0-1000 mmol m <sup>-2</sup> s <sup>-2</sup>
Operating environment:	5-40°C, 10-90% RH, non-condensing
Data storage:	4095 measurements in flash memory
Measurement time in auto mode:	30 seconds
Measurement aperture:	6.3mm diameter
Power:	4 AA alkaline cells
Battery life:	More than 1 year



AG51-240



## Plant Tissue Colour Charts

These 17 colour charts are used to determine and record the colour of plant tissues. This information is important to scientists working with growth rates, nutrient deficiencies, plant diseases and other plant processes. The set contains 320 matte colour chips which are permanently mounted on charts of 17 hues.

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## Fenwick Can

The Fenwick Can is the most commonly used instrument for the extraction of cysts from soil samples using the principles of flotation. The can tapers toward the top, with a slopping collar around the outside of the rim which collects overflow and directs it towards an outlet. The can has a sloping internal base with a drain plug at its lowest point.

Soil is placed at the bottom of the can. Water is then turned on and enters through a device that creates a swirling action in the bottom of the can. As the can fills, lighter soil particles and nematodes flow over the spout and onto one or more sieves from which nematodes are 'backwashed' after approximately two to five minutes.

Catalogue No	Description
<b>AG51-250</b>	Fenwick Can, Dimensions, 375 x 200 x 625mm. Weight 3.5 kg. Supplied complete with 850 µm and 250 µm sieves.

AG51-250



## Accessories

Catalogue No	Description
<b>AG51-252</b>	Test Sieve: Stainless steel frame and mesh. 200mm diameter, 250 microns
<b>AG51-254</b>	Test Sieve: Stainless steel frame and mesh. 200mm diameter, 850 microns