

PLANT PHYSIOLOGY INSTRUMENT

● Characteristics

- ▲ High accuracy and resolution, easy to operate, portable.
- ▲ Auto save testing pressure, time and testing sequence number.
- ▲ Kpa and N 2 testing unit can be selectable and transformed.
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- ▲ The probe ,drag hook,pressing,plate apply to different experimental study
- ▲ With backlight function.
- ▲ Auto switch off.

● Technical parameters

Model	YYD-1A	YYD-1B
Max load	50N	500N
Resolution	0.01N	0.1N
Culm width range	0-100mm	
Accuracy	±0.5%	
Unit	N, Kpa	
Output Interface	Rs232	
Power	9V battery, Charger(charge voltage: 100V-240V)	
Meter size	295*130*36mm	
Net weight	600g	

Plant Culm–Strength Meter

Model: YYD-1

● Technical Parameters

Stem bending performance measurement area: 0.5cm²
Stem compressive strength measurement area: 1cm²
Stem structure intensity measurement: 1mm²
Max load: 500N (N, kg, it can be transformed automatically)
Resolution: 0. 1N
Precision: ±0.5%FS
Power: Charger: 220V/AC; Battery working time: 6-8 hours
Stability: drift: 0.2uV°C (0-60°C); zero drift: ≤0.1%/8 hours/FS
Calibration range: full-scale calibration
Working temperature: 0~+60°C
Working Humidity: ≤80%
Allowed overload: 150%
Time setting up: 10-90 minutes
Power: AA nickel cyanide battery groups / 220V/ AC
Battery working time: 4-6 hours

