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We manufacture a 30 mm diameter 250 kg capacity weigh pad which has a digital output. The pads can be linked together on a single wire going from one to the next to the next and back to a computer running our software. Accuracy of each pad is plus or minus 0.05 kg.

A signal cable goes from the power supply box to the first pad. A second signal cable goes from pad 1 to pad 2, etc. Cables can be as long as required. All cables have connectors on them. It is advised to keep the total cable length from power supply to the last pad down to under 200 metres.

The software takes a reading every few seconds (or as often as you want it to) of the weight on each pad and it records the weight reading with date and time so that all the readings from all the pads can be opened in a spreadsheet. This gives the best system for analysing the data.

If the plant pot is kept on the pad any change in weight, up or down will be recorded.

The software can take up to 32 pads running on one computer. If you need more pads then it is best to use two separate computers.

Costs:

Pad	Model Dumpy Weightel, 300 mm diameter 250 kg capacity, 0.02 kg increment. RS485 digital output	590.00 GBP
Signal cable	Length 2 metres	76.00 GBP
Extra cable	Per metre extra length, total length of each signal cable to be specified at time of order. Cables made to length	3.00 GBP
Power Supply	For up to 32 Dumpy Weightel Pads, including RS485 to USB converter cable for computer	348.00 GBP
Software	Data-Maid logging software for PC running Windows XP or 7 Professional, single user licence	520.00 GBP

Delivery will be charged at cost and depends on mode of transport.