

## **Automated hardness measurement**

Simply place the sample in the sample cup and set it in the device, and the specified number of continuous measurements can be performed automatically (up to 50 points).

## **User-friendly measurement data**

Aggregation and distribution charting by a dedicated application. It is possible to output the load displacement curve as a CSV file.

## **Equipped with CMOS camera**

Recorded as an image of the process from the start of pressurization to crushing with an image taken by a CMOS camera. The curve graph of load and displacement is displayed at the same time.

## **Extract highly accurate data**

Multiple filtering functions invalidate sampling error data and extract and analyze only reliable data.

## **High safety**

A shutter cover that automatically closes when the device operates. With emergency stop switch and overload error function.



	Specifications	Note
Measurement method	Constant speed load	
External dimensions	W300 x D350 x H515 (mm)	Does not include protrusions
Weight	about 25kg	
Load cell	5N, 10N, 20N, 30N	You can specify the rated specifications of the load cell when ordering.
Descent speed	Select from 0.1, 0.2, 0.4, 0.5 mm/sec	
Measureable particle size	$\phi 0.5 \sim 2.0$ (mm)	
Accessories	Power cable	
	Communication cable	
	Software installer	Compact disc
	Sample cup	Sample Receptacle
	Dedicated jig 1	For height calibration
	Dedicated jig 2	For checking load calibration
	Ceramic gauge	For height calibration
	Weight	For load calibration
Power supply	AC100V $\pm$ 5% $\phi$ 50/60Hz $\phi$ 3A	
Utility	0.4MPa $\phi$ Dry air of 1 L / minits or more	For air cylinder
Environmental temperature	23°C $\pm$ 5°C	