

Description

The A1 Series are a drop-in replacement for the Chatillon CLC load cells. The A1 Series have plug-n-play compatibility with the Chatillon CS225, CS1100, CS2-225, and CS1100 Advanced Force Testing Machines.

Each A1 Series load cell includes its required connector and electronics, a padded carrying case, and a 5/8in [15.8mm] diameter eye-end adapter.

The A1 Series improve on the basic CLC design by offering enhanced safe overload protection and improved measurement performance. To surpass the enhanced $\pm 0.1\%$ FS accuracy specification, each A1 Series load cell should be calibrated to the specific test machine it is being used with.



100kN unit (left)
has standard safe
overload.



Protective Case

Each A1 Series load cell is shipped within its own protective carrying case. The exterior label identifies load cell capacity and model number.

The interior is lined with a special anti-static foam that protects from both electrical and mechanical shock loads.



Models			
PART ID	CAPACITY	SAFE OVERLOAD	CHATILLON CLC SERIES CROSSOVER
TC-OLP-0010-A1	2lbf	±20lbf	CLC-0002
TC-OLP-0020-A1	4.5lbf	±45lbf	CLC-04-5
TC-OLP-0050-A1	10lbf	±100lbf	CLC-0010
TC-OLP-0100-A1	20lbf	±200lbf	CLC-0020
TC-OLP-0250-A1	50lbf	±500lbf	CLC-0050
TC-OLP-0500-A1	100lbf	±1000lbf	CLC-0100
TC-OLP-1000-A1	200lbf	±2000lbf	CLC-0200
TC-OLP-2500-A1	500lbf	±2500lbf	CLC-0500
TC-OLP-5000-A1	1000lbf	±5000lbf	CLC-1000