



PRODUCT NOTE / 01

ARMSTRONG / A-HTA-CTM-1000 | A-HTA-CTM-2000

Concrete Compression Tester

AUTOMATIC COMPUTER-CONTROLLED HYDRAULIC MACHINE

An automatic, computer-controlled hydraulic testing machine for concrete cube compression, with digital force indication and controlled loading rate.

1,000 kN

A-HTA-CTM-1000 / MODEL 1

2,000 kN

A-HTA-CTM-2000 / MODEL 2



PRODUCT IMAGE

01 AUTOMATIC LOADING

Computer-controlled loading rate and load-rate indication.

02 FORCE DISPLAY

Sensor-based force measurement with digital force indication.

03 PEAK & PROTECTION

Peak hold and overload protection.

SPECIFICATION SNAPSHOT

Brand / model reference	Armstrong / A-HTA-CTM-1000; A-HTA-CTM-2000
Capacity	1,000 kN / 2,000 kN
Indication / platens	2%-100% F.S. / 200 x 200 & 220 x 220 mm
Power supply	3-phase 380 V $\pm$ 10%; 50-60 Hz
Cube sizes	30 / 50 / 100 mm

Choose by load range, not by cube size alone.

Turn to page 02 for the model comparison and application checks.

Product image shown for catalogue presentation. HTA codes are Hung Ta catalogue model references.



Build the specification around the job.

Product specifications and key features.

MODEL COMPARISON

Parameter	A-HTA-CTM-1000	A-HTA-CTM-2000
Brand / reference	Armstrong / Hung Ta ref.	Armstrong / Hung Ta ref.
Capacity	1,000 kN	2,000 kN
Indication range	2%-100% F.S. / 20-1,000 kN	2%-100% F.S. / 40-2,000 kN
Stated accuracy	±1%	±1%
Minimum resolution	0.1 kN	0.1 kN
Pressure platen	200 x 200 mm	220 x 220 mm
Maximum platen gap	260 mm	300 mm
Frame (L x W x H)	900 x 500 x 1,400 mm	1,000 x 600 x 1,500 mm
Power / motor	3P 380 V ±10%; 50-60 Hz; 0.75 kW	3P 380 V ±10%; 50-60 Hz; 0.75 kW
Net weight	500 kg	500 kg

KEY FEATURES

- 01 Automatic computer-controlled loading
- 02 Digital force display and load-rate indication
- 03 Peak hold and overload protection
- 04 1,000 kN and 2,000 kN capacity models