Concrete Compression Machines Comparison

	Pro Controller (115/230V, 50/60Hz)	Pro-Plus Controller (115V, 60HZ or 230V, 50Hz)
	5.3in (135 mm) wide, 240 x 64 pixel backlit VGA liquid crystal display	4.6x3.4in (116x86 mm) back-lit VGA graphic panel display with 320 x 240 pixel screen
Exceeds ASTM C-39 & E-4 requirements	✓	✓
Has accuracy better than ±.5% of indicated load from 1% to full machine capacity	✓	✓
Displays live load, and rate of load during test, and peak load and avg. rate of load at test completion	✓	✓
Displays sample stress, sample size and type		✓
Includes menu selection for cylinder, cube, beam third point, beam center point, cylinder split tensile and cross-sectional area specimens		✓
Is available as a field-installed retrofit package for existing compression machines	✓	✓
Has calibration restore feature for uploading factory calibration		✓
Includes English or Spanish language menus		✓
Can be used with multiple transducer/load cell combinations with one or more load frames		✓
Enables data transfer to a PC as a Word or spreadsheet file via optional USB Able Cable, or prints directly to optional serial printer	✓	✓
Stores test results automatically to memory for PC downloading and direct printing in a spreadsheet format		✓
Includes X-Y plotting of load vs. time when connected to a computer with MCA-29 Able Cable		✓
Stores 500 tests with date and time, sample ID, sample type, sample area and length, peak load and peak stress		✓
Stores 600 tests with test date and time, sample ID number, peak load and average rate of load	✓	
Features additional data options including average rate of load, cylinder correction factor, cylinder break type, cylinder cap type, sample age and weight, and operator ID number		✓
Displays lbs, kN, kg and N units	✓	✓
Displays psi, MPa, kg/cm2 and Kpa units		✓
Has stainless steel NEMA-4 rated housing to prevent dust and moisture	✓	✓
Is UL, CUL, CE, and Measurement Canada listed	✓	✓