



**ELE**  
International



# ACCU-TEK Touch™

Series of Compression Machines

**New**

- ▶ New touch screen user interface to reduce set-up and training time
- ▶ Data storage for thousands of results
- ▶ Test data enhancements for improved traceability
- ▶ High accuracy and test repeatability

# The 2012 enhanced ACCU-TEK Touch™ Compression Machines

## ELE International's digital Controller, the ADR Touch, is available in all the ACCU-TEK™ Series Compression Machines.

While delivering all the features of the established ACCU-TEK™ Series with its extensive design history, the new and improved user interface provides a high quality platform for testing that enhances the performance of our compression machines.

Sophisticated electronics further the benefits of simplified operation while delivering the highest levels of accuracy in testing concrete and cement/mortar samples, satisfying the needs of Quality Control Managers, Lab Managers and Technicians.

### Accuracy & Savings

The ACCU-TEK Touch™ Series with 5.7" (145mm) high resolution QVGA touch screen interface and intuitive menu-driven operation reduces the time taken to set up the machine and perform tests, reducing the time to train staff by up to 25%.

- ▶ **Up to 6 sample types can be set as favorites, enabling one-touch set up of repeat tests.**
- ▶ **Full, QWERTY touch pad for input of test data.**

Most testing errors produce lower strength results. Noncompliant loading rates can generate errors in measured strength. The user interface includes real-time display of load vs. time, further ensuring accurate and consistent test results and providing "goodness of test" data to improve traceability in your QC operations.

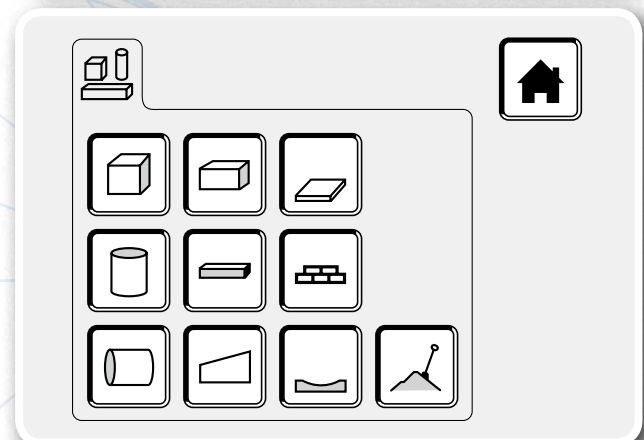
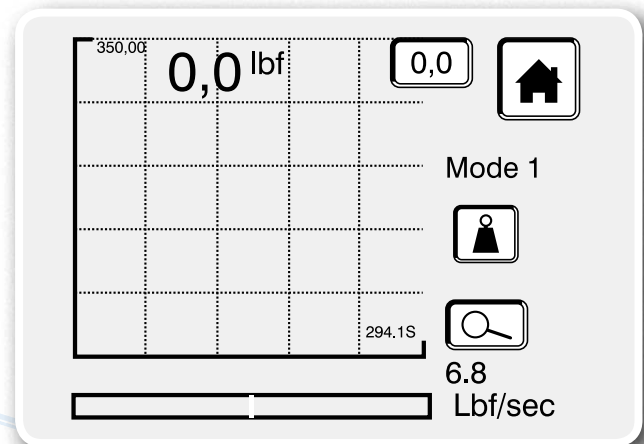
### Traceability & Data Quality

The ACCU-TEK Touch™ Series now provides improved data quality and traceability in due diligence cases – it is now possible to demonstrate traceability all the way from the machine/user to the accreditation body, protecting your reputation – all test results now come complete with the machine serial number attached.

- ▶ **Full customization of sample sizes – stress calculations are automatically recalculated.**

### User Safety

With full safety gates as standard, total systems diagnostics, ram run-out switches and overload warnings ensure the safety of your employees and the reliability of your machine.



The ACCU-TEK Touch™ machines are supplied with the new ADR Touch digital controller which offers all the following capabilities:

- 5.7" (145 mm) touch screen, incorporating full key pad (QWERTY type)
- 2 GB of internal memory for storing thousands of test results
- Download data directly to PC via USB or to printer via RS-232 interface
- Visual pace rate indicator
- Load vs. Time data logged and displayed for determination of "goodness of test"
- Analysis of trend data
- One-touch set up
- Automatic scaling of stress calculations for custom sample sizes



ACCU-TEK Touch™  
500 Compression Machine



ACCU-TEK Touch™  
250 Compression Machine



Compressive strength tests of concrete, complies with ASTM C-39 and AASTHO T22.  
Flexural strength tests of concrete complies with ASTM C-78, C-293, AASTHO T97.  
Compressive strength test of mortar mixes, complies with ASTM C-109.  
Compressive strength test of masonry units, complies with ASTM C-140.

# ACCU-TEK Touch™ Compression Machine Specifications

Compression Machine Model	ACCU-TEK Touch 250	ACCU-TEK Touch 350	ACCU-TEK Touch 500
<b>Frame</b>			
Frame type	4 column	Welded	Welded
Capacity	250,000 lbf (1,112 kN)	350,000 lbf (1,555 kN)	500,000 lbf (2,224 kN)
Maximum vertical clearance	14.5" (368 mm) without lower platen	19.75" (502 mm) without upper platen	19.62" (498 mm) without upper platen
Maximum horizontal clearance	9.0" (229 mm)	11.5" (292 mm)	14.0" (355 mm)
Maximum ram travel	3.0" (76 mm)	2.0" (50 mm)	2.5" (64 mm)
Electro-hydraulic pump	1 hp (0.7 kw)	1 hp (0.7 kw)	1 hp (0.7 kw)
<b>Compression Machine Ordering information</b>			
115 VAC, 60 Hz, 1 phase	EI36-0690/02	EI36-0735/02	EI36-3095/02
220 VAC, 50 Hz, 1 phase	EI36-0690/01	EI36-0735/01	EI36-3095/01
220 VAC, 60 Hz, 1 phase	EI36-0690/06	EI36-0735/06	EI36-3095/06
<b>Accessories</b>			
Frame Stand	EI37-5570	EI37-5575	EI37-5575
Printer	Part Number:37-4861/02 Portable Impact Tape Printer, Serial Interface. 110vAC, 50/60 Hz, 1ø.		
<b>Platen Set Ordering Information</b>			
<b>Cubes</b>			
2.0" (50 mm) - mortar mixes	EI37-5514	EI37-5510	EI37-5510
6.0" (150 mm) - concrete	EI37-5516	EI37-5512	EI37-5512
<b>Cylinders - concrete</b>			
3" x 6" (76 x 152 mm)	EI37-5508	EI37-5504	EI37-5504
4" x 8" (102 x 203 mm)	EI37-5506	EI37-5561*	EI37-5561*
6" x 12" (152 x 305 mm)	Included with machine	EI37-5500	EI37-5500
<b>Blocks</b>			
	EI37-5522 8" x 8" x 16" (203 x 203 x 406 mm)	EI37-5520 Up to 10" (254 mm)	EI37-5518 Up to 12" (305 mm)
Beams (Flexural Testing)			
	EI37-5528	EI37-5524	EI37-5526

\*Requires the use of the 6" x 12" platen set EI37-5500. Storage temperature range: -4°F to 158°F (-20°C to 70°C)  
Operating temperature range: 32°F to 104°F (0°C to 40°C)



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