

## GEOSTAR® TRIAXIAL EQUIPMENT

A totally automated computer based triaxial testing system is a follow up to its highly successful GeoStar consolidation testing equipment. The new system was developed in conjunction with a Finnish University and consulting group. This apparatus allows a single computer to control a complete triaxial test set plus up to three consolidation and one direct shear loading frame. All frames are computer controlled for an infinitely variable rate of strain loading. The ease of use of this economically priced system allows laboratory managers a new degree of accuracy in test results with a corresponding decrease in labor content for completed tests. All test results are achieved on the master computer and can be printed in a report ready format using a laser printer.



Please call for more detailed specifications

MODELS	DESCRIPTION	STANDARDS
S7100	GEOSTAR TRIAXIAL SYSTEM	ASTM D-4767-88 D-2850-87 / AASHTO T-234

## UNCONFINED COMPRESSION MACHINE

The Unconfined Compression machine is used for determining the compressive strength of undisturbed or remolded soil samples. The undisturbed or molded soil cores are placed between platens in a compression machine, loaded by strain-controlled or stress-controlled method and the load at failure recorded. An accurate and lightweight mechanical tester for the field or lab. Load is applied by a gear box type loading jack and measured by a double proving ring with dial gauge. The motorized type has a 500 lb proving ring, variable speed drive and a reversing switch. The **S8631** has an infinitely variable control from 0" to 0.5" per minute.



S8631

MODELS	DESCRIPTION	TYPE	CAPACITY	
S8621	UNCONFINED COMPRESSION MACHINE	MANUAL	500 LB	ASTM D-2166 / AASHTO T-208
S8622			1000 LB	
S8623			15000 LB	
S8631	UNCONFINED COMPRESSION MACHINE, 110V / 60 Hz	MOTORIZED	500 LB	
S8632	UNCONFINED COMPRESSION MACHINE, 220V / 50 Hz		500LB	

ACCESSORIES	DESCRIPTION
S8728	UNCONFINED COMPRESSION ATTACHMENT SET