

# GEOMATIC

## DOMESTIC ITEM LIST F.O.B. RANCHO CUCAMONGA, CA

(All prices subject to change without notice)  
December 5, 2007

### SOIL SAMPLE PARTS

<u>PARTS</u>	<u>DESCRIPTION</u>
1215	Basic 3-1/4" O.D. Soil Sampler Consisting of: 0100, 0113, 0114, 0117
1216	Basic 3" O.D. Soil Sampler Consisting of: 0200, 0213, 0214, 0216
1220	Metal Soil Sample Kit Consisting of: 0604 & 0609
0099	3-1/4" Short Bit-Core Size 2.375
0100	3-1/4" Short Bit-Core Size 2.416
0101	3-1/4" O.D. Bit-Core Size 2.416
0104	3-1/4" O.D. Short Thin Wall Adapter
0105	3-1/4" O.D. Bit-Core Size 2.375
0107	3-1/4" O.D. Thin Wall Adapter
0108	Catcher Ring
0109	Catcher Leaf
-----	Plastic Catcher
0110	Rubber Donut

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0111	Filler Ring - 2.375 Core
0112	Filler Ring - 2.416 Core
0136	3-1/4" O.D. 6" Split Barrel
0113	3-1/4" O.D. 10" Split Barrel
0131	3-1/4" O.D. 12" Split Barrel
0114	3-1/4" O.D. Waste Barrel
0117	3-1/4" O.D. Head - 2" NPT
0130	3-1/4" O.D. Head-AW Thread
0134	3-1/4" O.D. Dual Thread Head
0144	3-1/4" O.D. Head With NW Box Thread
0144J	3-1/4" O.D. NWJ Head
0132	AW Coupler Pin To Pin
0133	3-1/4" Split Barrel Coupling
0123	Stainless Steel Pin
0129	3" Short Bit-Core Size 2.375
0200	3" Short Bit-Core Size 2.416
0201	3" O.D. Bit-Core Size 2.416
0203	3" O.D. Bit-Core Size 2.375
0207	3" O.D. Thin Wall Adapter
0213	3" O.D. 12" Split Barrel
0214	3" O.D. Waste Barrel
0215	3" O.D. Split Barrel Coupling
0216	3" O.D. Head - 2" NPT
0217	3" O.D. Head-AW Thread
0218	3" O.D. Dual Thread Head

0219	3" O.D. Head - NW Thread
0219J	3" NWJ Head
0220	3" O.D. 18" Split Barrel
0221	3" O.D. Head with AW Thread for 18" Split Barrel
0509	2-1/2" Brass Tube Head "Shelby Type"
0306	Split Ferrules (Pair)
0307	6" Stainless Steel Thin Wall Bit
0307B	6" Brass Thin Wall Bit
0303	2" NPT Box To 2" NPT Box
0315	2" NPT Box To AW Box Coupling
0316	2" NPT Box To Weld Chamfer Coupling
0317	2" NPT Box To 2" NPT Pin Coupling

## LINERS & RINGS

0517	1-1/2" O.D. x 6" Long x .035 Wall Brass Liner (SPT Sampler)
0538	2" O.D. x 3" Long x .049 Wall Stainless Steel Liner (100/cs.) Less than case 1 - 5 cases 6 - 10 cases 11 or more cases
0568	2" O.D. x 6" Long x .049 Wall Stainless Steel Liner (50/Cs.) Less than case 1 - 5 cases 6 - 10 cases 11 or more cases
0599	2-1/2" O.D. x 3" Long x .049 Wall Stainless Steel Liner (100/Cs.) Less than case 1 - 5 cases 6 - 10 cases 11 or more cases
0668	2-1/2" O.D. x 6" Long x .049 Wall Stainless Steel Liner (50/Cs.) Less than case 1 - 5 cases 6 - 10 cases 11 or more cases
0534	2" O.D. x 3" Long x .035 Wall Brass Liner (100/Cs.) Less than case 1 - 5 cases 6 - 10 cases 11 or more cases
0544	2" O.D. x 4" Long x .035 Wall Brass Liner (75/Cs.) Less than case 1 - 8 cases 9 - 16 cases 17 or more cases

0564	2" O.D. x 6" Long x .035 Wall Brass Liner (50/Cs.) Less than case 1 - 5 cases 6 - 10 cases 11 or more cases
0601	2-1/2" O.D. x 1" Long x .042 Wall Brass Sample Ring (300/Cs.) Less than case 1 - 3 cases 4 - 6 cases 7 or more cases
0662	2-1/2" O.D. x 1" Long x .062 Wall Brass Sample Ring (300/Cs.) Less than case 1 - 3 cases 4 - 6 cases 7 or more cases
0620	2-1/2" O.D. x 3" Long x .042 Wall Brass Liner (100/Cs.) Less than case 1 - 5 cases 6 - 10 cases 11 or more cases
0600	2-1/2" O.D. x 6" Long x .042 Wall Brass Liner (50/Cs.) Less than case 1 - 5 cases 6 - 10 cases 11 or more cases
0506	Brass Piston Tube "Shelby Type" 2-1/2" O.D. x 20" Long

### SURFACE HAND SAMPLING GEAR

1028	Density Soil Sampler With 10 lb. Slide Hammer
1029	3.3" Density Tube - Brass
1030	3.3" Density Tube - Stainless Steel
1035	3-1/4" O.D. Hand Drive Sledge Cap
1036	3" O.D. Hand Drive Sledge Cap
1040	3 ft. Hand Soil Probe With "T" Handle

### HAND AUGER PARTS LIST

0119	3 ft. Extension *
0120	Connector Pin
0121	T - Handle *
0118	Auger Head *
0118M	Mud Auger

\* 1 Connector pin included with each part

### HAND DRIVE SYSTEMS PARTS LIST

0225	Special Adapter - 3-1/4" Sampler
0226	Special Adapter - 3" Sampler
0230	2 ft. EW Rod with standard coupler
0231	3 ft. EW Rod with standard coupler
0232	5 ft. EW Rod with standard coupler
0234	Standard EW Rod Coupling
0235	Drive EW Rod Coupling
0238	Drive Weight (35 lbs.)
0240	Rod Clamp
0245	Jack
	 Above parts (or combination thereof) to be used with either a 3-1/4" O.D. sampler or a 3" O.D. sampler consisting of : 1 bit (short) 1 split barrel
1217	One set of 3" O.D. sampler parts (12" Split Barrel)
1218	One set of 3-1/4" O.D. sampler parts (10" Split Barrel)
0265	EW to AW pin to pin

## FILTERS

0707	2.4" Triaxial Membrane-Latex
0708	2.8" Triaxial Membrane-Latex
0709	2.4" TX Membrane O-Ring
0710	2.8" TX Membrane O-Ring
0718	2.4" O.D. x 1/ 2" Thick Porous Disc Filter
0717	2.370" O.D. x 1/ 2" Thick Porous Disc Filter
0725	3-1/4" O.D. x 1/ 2" Consolidometer Base Filter
0727	2.4" Filter Paper (100/bx)
0721	2.370" O.D. x 1/4" Porous Disc Filter
0719	2.4" O.D. x 1/4" Porous Disc Filter
0719A	2.4" x 1/4" Derlin Filter
-----	4" O.D. x 1/2" Porous Disc Filter
0731	4 3/8" O.D. x 1/2" Porous Disc Filter

## SAMPLER ACCESSORIES

0301	Sample Pusher
0302	Sample Pusher Stabilizer
0310	1" Ball
0400	Wash Brush
0402	Wire Brush
0410X	Sampler Tool Kit, Box
0416	Spanner Wrench
0421	Soil Knife
0598	4" Teflon Seals 1 Pkg. (100 Sheets) 2 - 4 Pkgs. 5 - 9 Pkgs. 10 Pkgs. & Up
0602	Plastic Sample Bags (1000/bx)
0603	Soil Sample Can With Two Lids Qty. 1-99 100-499 500 & up
0604	Sample Kit Box (Steel)
0607	Sample Label (1000/pkg)
0608	Sample Can Lid
0609	3 pc. Foam Insert
0610	2 pc. Corrugated Shipping Kit
0611	Storage Box
0613	Bulk Sample Tag
0614	2-1/2" Caplug 0 - 499 1 - 3 Bxs. (500 per Box) 4 Bxs. & Up
0615	18" x 30" Soil Sample Bag (200/bx)
0616	2" Caplug

0 - 999  
1 - 2 Bxs. (1000 per Box)  
3 Bxs. & Up

0617	1 1/2" Caplug
1052	4 Gal. Bucket With Lid and Handle
1101	Soil Classification Chart

## TEST APPARATUS

MODEL NO.

DESCRIPTION

8405

Consolidometer, Pneumatic/Dead Load

Load Range: 0-102,400 Lbs/Sq. Ft. on 2.416"  
Diameter. sample

Air pressure required: 120/150 PSI

Furnished complete with:

Dial indicator (range = 0.5000", least reading = 0.0001")

Sample holder including water jacket, porous discs, and  
dead weights (to 1600 Lbs/Sq. Ft.)

If Dial Indicator is not to be furnished reduce price by  
\$150.00.

8505

Consolidometer, Dead Load

Load Range: 0 to 12,800 Lbs/Sq. Ft. (25,600 Lbs/Sq. Ft.  
On special order)

Weights furnished: 100(2), 200, 400, 800, 1600, 3200,  
6400 Lbs/Sq. Ft.

Sample holders: complete with base, reinforcing ring, cap,  
water jacket, and porous discs

Table furnished: 60" wide, 30" deep, 41" high, capable of  
accepting four consolidation stations

Dial Indicators furnished: Range = 0.5000", least  
reading = 0.0001

Table and one station  
Table and two stations  
Table and three stations  
Table and four stations

(If dial indicators are not to be furnished, reduce amounts for each station)

8914

## Direct Shear Apparatus

Will saturate and consolidate up to three samples at one time.

Type: Axial load measured by strain gage load cell, confining pressure applied by dead loads, shear deformation applied by screw jack driven by stepper motor.

Shear load capacity: 12,000 Lbs/Sq. Ft.

Confining pressure capacity: 12,000 Lbs/Sq. Ft.

Maximum shear deflection: 0.500"

Maximum axial deflection: +/- 0.2500 in.

Shear deflection rate 0.0001 to 0.05000 inches per minute or hour

Shear deflection limit switches at extreme forward or reverse travel.

### Computer Control and Data Acquisition

The GeoMatic Direct shear software (included) provides automated testing and data acquisition when used with any IBM PC compatible computer.

Capabilities include:

Spread sheet compatible files, tabular printout, presentation quality graphs, and on screen help.

### Size

36" wide, 38" deep, 58" high

### Weight

Approximately 350 Lbs. with weights

Apparatus is shipped complete with sample holder(s), weights, and digital dial indicators.

Price with 1 station populated  
Price with 2 stations populated  
Price with 3 stations populated

9102

Index, Expansion

The unit consists of:

Mold: Base, S.S. Ring, Collar

Porous Stones, Stand Weight Hanger (12.6 lb.)

Dial Indicator: Range=0.5000", Least reading=0.0001".