

Expansion Swell Test Equipment

BS 1377:2

DESCRIPTION:

The Swell Test Equipment is placed on top of the soil sample to enable monitoring of swelling.

The swell test consists of a perforated plate with the adjustable stem (swell plate) dial gauge tripod and dial gauge.

TECHNICAL SPECIFICATIONS:

Dimensions	500x700x400 mm
Weight (approx.)	3 kg



ORDERING:

SL 0800

Swell Plate with adjustable stem

SL 0801

Swell Tripod for mounting Swell dial gauge on the CBR mould collar

SL 0802

Dial Gauge 20mm x 0.01 mm

CBR Moulds and Accessories

DESCRIPTION:

The range of moulds and accessories specifically designed to meet the requirements of the relevant standards.

The range of moulds and accessories specifically designed to meet the requirements of the relevant standards.

The moulds and accessories are manufactured from high quality, long-lasting material and with proper maintenance will give years of satisfactory performance.



ORDERING:

EN CBR Moulds and Accessories

Product code	Description	Specifications	Weight
SL 0803	Proctor/ CBR mould	With collar and solid base plate. Plated steel. 150 mm dia., 120 mm height	8.9 kg
SL 0804	Proctor/ CBR mould, split version	With collar and solid base plate. Plated steel. 150 mm dia., 120 mm height	8.9 kg
SL 0805	Perforated base plate	Plated steel	1 kg
SL 0806	Filter screen	Stainless steel woven mesh, No.100 (150 µm), 144 mm dia.	0.05 kg
SL 0807	Compaction rammer	2" (50.8 mm) dia. rammer face, 457.2 mm fall, 4.54 kg weight	5.3 kg
SL 0808	Anular surcharge	Plated steel, 2 kg	2 kg
SL 0809	Split surcharge	Plated steel, 2 kg	2 kg
SL 0810	Straight edge	3x30x300 mm	0.3 kg
SL 0811	Filter paper	No.1x150 mm dia. Pack of 100	0.3 kg
SL 0812	Swell plate	Perforated with adjustable stem	1 kg
SL 0813	Gauge tripod	Non corrodible alloy	0.3 kg
SL 0814	Dial gauge	10 mm travel, 0.01 mm divisions	0.1 kg
SL 0815	Dial gauge	30 mm travel, 0.01 mm divisions	0.1 kg
SL 0816	Soaking tank	Plastic, ID 680x490x540 mm	9.1 kg
SL 0817	Proctor/ CBR mould	With collar and solid base plate Plated steel. 250 mm dia.	16 kg
SL 0818	Steel plate (large)	249.5 mm dia.	2 kg
SL 0819	Proctor rammer, high energy	15 kg falling weight	17 kg

**ASTM D1883; AASHTO T193; UNE 103-502; UNI 10009
BS 1377:4; BS 1924:2 NF P94-093; NF P94-078; NF P98-231-1
EN 13286-47**

ASTM,AASHTO, UNE,UNI CBR Moulds and Accessories

Product code	Description	Specifications	Weight
SL 0820	CBR mould body	With collar and perf. base plate - plated steel. 6" dia. (152.4 mm), 7" (177.8 mm) body height	7.8 kg
SL 0821	Split CBR mould	Split longitudinally on one side	8.5 kg
SL 0822	Filter screen	Stainless steel woven mesh, No.100 (150 µm), 144 mm dia.	0.05 kg
SL 0823	Compaction rammer	2" (50.8 mm) dia. rammer face, 457.2 mm fall, 4.54 kg weight	5.3 kg
SL 0824	Sliding weight rammer	2" (50.8 mm) diameter rammer face, 457.2 mm fall, 4.54 kg weight	8 kg
SL 0825	Spacer disc with "T" handle	515/16" dia. (150.8 mm)x 2.416" (61.4 mm) high. Plated steel	7.5 kg
SL 0826	UNE Spacer disc	150.8 mm dia. x 36 mm high. Plated steel	7.5 kg
SL 0827	Anular surcharge	Plated steel, 2.27 kg	2.27 kg
SL 0828	Slotted surcharge	Plated steel, 2.27 kg	2.27 kg
SL 0829	Cutting edge	Plated steel	0.5 kg
SL 0830	Straight edge	3x30x300 mm	0.3 kg
SL 0831	Solid CBR base	Plated steel	1 kg
SL 0832	Filter paper	No.1x150 mm dia. Pack of 100	0.3 kg
SL 0833	Swell plate	With adjustable stem	1 kg
SL 0834	Gauge tripod	Non corrodible alloy	0.3 kg
SL 0835	82- Dial gauge	10 mm travel, 0.01 mm divisions	0.1 kg
SL 0836	82- Dial gauge	30 mm travel, 0.01 mm divisions	0.1 kg
SL 0837	Universal extruder	For 100 to 152.4 mm dia. samples	25 kg
SL 0838	Soaking tank	Plastic, ID 680x490x540 mm	9.1 kg

BS CBR Moulds and Accessories

Product code	Description	Specifications	Weight
SL 0839	CBR mould body	Plated steel with both ends threaded to fit the base or collar. 152 mm ID.x127 mm high	3 kg
SL 0840	Extension collar	152 mm ID. X 50 mm high	1 kg
SL 0841	Perf. base plate	Plated steel	1.8 kg
SL 0842	Solid base/ top plate	Plated steel	1.8 kg
SL 0843	Cutting collar	Plated steel	1 kg
SL 0844	"C" spanner	To mount and dismount the collar from the mould body. Two required	1 kg
SL 0845	Tool for base plate	To remove or mount the solid or perf. base plate from the mould	1 kg
SL 0846	Compaction plug with handle	150 mm dia. x 50 mm high	7.2 kg
SL 0847	Compaction rammer	50 mm dia rammer face, 450 mm fall, 4.5 kg weight	5.3 kg
SL 0848	Anular weight	Plated steel, 2 kg	2 kg
SL 0849	Split weight	Plated steel, 2 kg	2 kg
SL 0850	Tamping bar	12.7 mm dia. x380 mm long	
SL 0851	Straight edge	3x30x300 mm	0.3 kg
SL 0852	Steel rule	500 mm long	0.1 kg
SL 0853	Filter paper	No.1x150 mm dia. Pack of 100	0.3 kg
SL 0854	Swell plate	With adjustable stem	1 kg
SL 0855	Gauge tripod	Non corrodible alloy	0.3 kg
SL 0856	82- Dial gauge	10 mm travel, 0.01 mm divisions	0.1 kg
SL 0857	82- Dial gauge	30 mm travel, 0.01 mm divisions	0.1 kg
SL 0858	Universal extruder	For 100 to 152.4 mm dia. samples	25 kg
SL 0859	Soaking tank	Plastic, ID 680x490x540 mm	9.1 kg



NF CBR Moulds and Accessories

Product code	Description	Specifications	Weight
SL 0860	NF CBR mould	Complete with collar and Perforated base plate. Plated steel. 152 dia. x 152 mm body height	9 kg
SL 0861	Split NF CBR mould	Split longitudinally on one side	9 kg
SL 0862	Modified compaction hammer	Rammer face 50 mm dia., fall height 457.2 mm, weight 4.54 kg	5.3 kg
SL 0863	Filter paper	No. 1 x 150 mm dia. Pack of 100	0.3 kg
SL 0864	Spacer disc	Plated steel, 25.4 mm high	3.8 kg
SL 0865	Anular surcharge weight	Plated steel, 2.3 kg	2.3 kg
SL 0866	Split surcharge weight	Plated steel, 2.3 kg	2.3 kg
SL 0867	Cutting edge	Plated steel	0.5 kg
SL 0868	Straightedge	3x30x300 mm	0.3 kg
SL 0869	Swell plate	Plastic with 3 mm dia. holes	0.3 kg
SL 0870	Dial gauge	10 mm travel x 0.01 mm	0.1 kg
SL 0871	Dial gauge	30 mm travel x 0.01 mm	0.1 kg
SL 0872	Gauge tripod	Non corrodible alloy	0.3 kg
SL 0873	Soaking tank	Plastic with supporting base, ID 680x490x540 mm	9.1 kg
SL 0874	Universal extruder	For 100 to 152.4 mm dia. specimens	25 kg