

PROCTOR TEST: MOISTURE-DENSITY RELATIONSHIP

STANDARDS: EN 13286-2 / ASTM D558, D698, D1557 / AASHTO T99, T134, T180 / BS 1377:4, 1924:2
 CNR N° 69 / NF P94-093, P98-231-1 / DIN 18127 / NLT-108-91 / UNE 103-500, 103-501

Proctor moulds

Used for determining the relationship between the moisture content and density of compacted soils. Steel made, complete with mould body, collar and base; plated against corrosion. Different proctor mould models are available according to the various international Standards in use.

MODELS:

section S

Code	Description Proctor Mould	Standards	Int. dia. mm	Body height mm	Volume ml	Weight kg
S185	Standard	ASTM / AASHTO / NF / CNR	101,6	116,4	944	4,5
S186	Modified	ASTM / AASHTO / CNR	152,4	116,4	2124	10
S189	Split Standard	ASTM / AASHTO / NF / CNR	101,6	116,4	944	5
S190	Split Modified	ASTM / AASHTO / CNR	152,4	116,4	2124	10
S190-01 KIT	Modified	NF	152	152	2758	10
S190-02 KIT	Split Modified	NF	152	152	2758	11
S191	Standard	BS	105	115,5	1000	5
S191-01	Standard	UNE 103-500	102	122,4	1000	5
S191-02 KIT	Modified	UNE 103-501, NLT-108-91	152	127	2320	10
S194	Standard	EN 13286:2 equiparabile alle DIN	100 ± 1	120 ± 1	942	9
S194-01 KIT	Modified	EN 13286:2 equiparabile alle DIN	150 ± 1	120 ± 1	2120	13
S194-03	Split Standard	EN 13286:2 equiparabile alle DIN	100 ± 1	120 ± 1	942	7,5
S194-04 KIT	Split Standard	EN 13286:2 equiparabile alle DIN	150 ± 1	120 ± 1	2120	12,5
S194-02	Large Size	EN 13286:2 equiparabile alle DIN	250 ± 1	200 ± 1	9817	32



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MATEST

PROCTOR RAMMERS

Used to compact the soil sample into the mould. The spherical hand knob is from bakelite with metal screw and protection ring nut; guide sleeve with vent holes. The rammers are steel made, plated against corrosion, available in different models according to the various International Standards in use. In alternative to the rammers the automatic compactor mod. S199 (see pag. 370) can be used.

MODELS:

Code	Description	Standards	Rammer dia. mm	Fall height mm	Rammer weight kg	Total weight kg
S187	Standard Proctor rammer	ASTM / AASHTO CNR / UNE / NF	50,8	304,8	2,495	5
S187-01	Standard Proctor rammer	EN 13286:2 comparable to BS	50 ± 0,5	305 ± 3	2,5 ± 0,02	5
S188	Modified Proctor rammer	ASTM / AASHTO CNR / UNE / NLT / NF	50,8	457,2	4,536	8
S188-01	Modified Proctor rammer	EN 13286:2 comparable to BS	50 ± 0,5	457 ± 3	4,5 ± 0,04	8
S188-02	Proctor rammer Large Size	EN 13286:2	125 ± 0,5	600 ± 3	15 ± 0,04	23

Steel plate (compaction disk)

STANDARDS: EN 13286:2 / DIN 18127

Used to compact the EN moulds, it is supplied complete with T handle, plated against corrosion.

MODELS:

S194-09

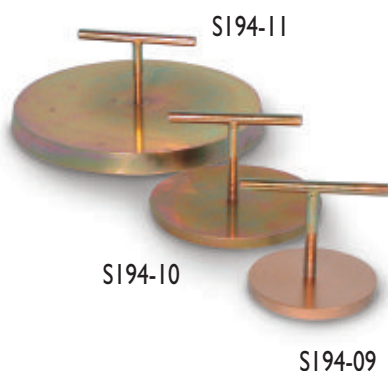
PLATE, dia. 99,5 mm
thickness 10 mm

S194-10

PLATE, dia. 149,5 mm
thickness 10 mm

S194-11

PLATE, dia. 249,5 mm
thickness 20 mm



Cutting collar

Coupled to the Proctor mould body, it gets easier the soil sampling

MODELS:

S185-01 Dia. 4"

S200-09 Dia. 6"



S114

UNIVERSAL EXTRUDER for moulds dia. 100, 150 mm; 4", 6"
Technical details at pag. 354

