

**S212N****Universal multispeed load frame 50 kN, digital, "Touch-Screen"**

This motorized machine with electronic digital "touch-screen" controlled by microprocessor, is suitable to perform all the tests where the requested speed rate is within:

"0,05 to 63 mm/min" with max. load of 50 kN

It can therefore perform:

- Unconfined test with rate of 0.635 mm/min.
- CBR test with rate of 1,27 and 1 mm/min.
- Marshall test with rate of 50.8 mm/min.
- Splitting tensile test on Marshall specimens.
- Quick Triaxial (only with load cell 2,5 kN capacity mod. S337-31 and S215A frame. See page 410)

The speed rate is infinitely variable, easily and promptly selected.

Graphic display ¼ VGA color Touch-Screen.

Time/date and language selection (English, French, German, Spanish, Italian, Polish).

Symbols of pushbuttons functions.

Foreseen of electric end of stroke switch of the load plate to save the machine from wrong manipulations.

Upper beam can be adjusted in height.

Supplied **"without"** load ring and accessories which have to be ordered separately.

Power supply: 230V 1ph 50/60Hz 750W

Dimensions: 480x450xh1280 mm

Weight: 140 kg

ACCESSORIES for S212N and S213N frames

CBR test:

- S212-01** Penetration piston
- S370-10S** Load ring 50kN with electric stop safety device
- S374** Brake device to hold max. load
- S376** Dial gauge 10 x 0,01 mm
- S212-03** Dial gauge holder

MARSHALL test:

- S212-05** Load piston
- B046N** Stability mould
- B047** Flow meter
- B047-01** Dial gauge for flow meter
- S370-08S** Load ring 30kN with electric stop safety device
- S374** Brake device to hold max. load

UNCONFINED test:

- S212-08N** Upper + lower compression plates, dia. 100 mm + distance piece with rod
- S212-03** Dial gauge holder
- S376** Dial gauge 10 x 0,01 mm
- S370-02S** Load ring 2kN with electric stop safety device
- S374** Brake device to hold max. load

S213N**CBR/Marshall 2 speeds frame 50 kN**

The frame is provided of two fix speed ranges, easily selectable by a frequency changer (inverter) activated by an electric switch:

1,27 mm/min. for CBR tests

50,8 mm/min for Marshall tests.

Upper beam can be adjusted in height.

Foreseen of electric end of stroke switch of the load plate to save the machine from wrong manipulations.

Supplied **"without"** load ring and accessories which have to be ordered separately.

Power supply: 230 V 1ph 50/60 Hz 750 W

Dimensions: 450x400x1200 mm

Weight: 130 kg

S213-01N**CBR/Marshall 2 speeds frame 50 kN**

Identical to mod. S213N but with speed ranges:

1 mm/min. for CBR tests

50,8 mm/min for Marshall tests.



S212N
with accessories for CBR test



S213N
with accessories for Marshall test