

A129

Rock shear box apparatus

STANDARDS: ASTM D5607* / ISRM

Used to determine the strength and slope stability of rock size max 115x125 mm or cores max. dia. 102 mm, both in the field and in the laboratory.

Complete with two horizontal rams for shear in two directions, vertical loading ram, two bourdon tube load gauges dia. 150 mm with quick release couplings, calibrated 50 kN x 1 kN division, two hand pumps with hydraulic connections and dial gauge 25x0,01 mm.

Dimensions: 600x250x460 mm

Weight: 46 kg

ACCESSORY:

A129-03*

Set of 4 dial gauges 10 mm stroke x 0,002 mm division, complete with supports for vertical displacement measure, conforming to ASTM D5607 Standard.

A131

Rock shear box apparatus

CYBER-PLUS 8 EVOLUTION ACQUISITION SYSTEM

STANDARDS: ASTM D5607* / ISRM

Same mechanical design as basic model A129, but equipped with: n° 2 Pressure transducers for load acquisition, connected to the pumps.

n° 1 Linear displacement transducer for shear measurement.

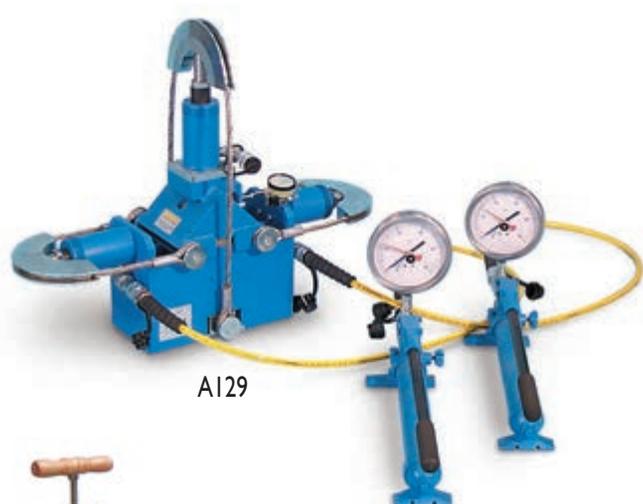
C405-15N

Cyber-Plus 8 Evolution "Touch-Screen" for data acquisition, visualization, processing and storing, directly connected to PC or printer.

Technical details: see page 428

S224-21N Software for test data processing.

Weight: 50 kg approx.



A129



A129-02



A129-01



A129-03



A131 + A131-01

A127

Cutting-off machine

Enables rock or metal samples to be taken with cold smooth cuts, in compliance with metallographic specifications.

Blade dia. 200 mm suitable for cores up to 60 mm diameter.

Complete with cooling system, set of blades, precision clamp and specimen holder.

Power supply: 400V 3ph 50Hz 1,3kW (singlephase on demand)

Dimensions: 570x720x550 mm.

Weight: 75 kg



A127

ACCESSORY:

A131-01*

Set of 4 linear displacement transducers, complete with supports, for vertical displacement measure, conforming to ASTM D5607 Standard.

ACCESSORIES for A129 and A131:

A129-01 MOULD FORMER, to prepare the specimen in the dimensions and geometry as requested by the shear box.

A129-02 PRESSURE MAINTAINER, complete with pump, to absorb volume changes of the specimen and to allow a constant load to be maintained during the test.

A129-04 British Gypsum Crystacal Plaster, for casting specimens into mould assembly, 25 kg bag.

