Gravelometer - EQNA GR DIN_ISO_VDA

Equipment manufacture accordance with the requirements of International and National Technical Standard for full compliance with the characteristics and specifications of the stone impact tests.

The Gravelometer EQNA GR DIN_ISO_VDA realized resistance test of paints and/or coatings: under impact of abrasives simulation impact stones, mainly in automotive bodies.

Accordance the characteristics of building and specifications of the technical standard and your derivations :

DIN 55996-1 / ISO 20567-1
VDA

Others (on request)

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TECHNICAL SPECIFICATIONS

- The Gravelometer **EQNA GR DIN_ISO_VDA**, have the structure build in steel, with paint high strength epoxy;
- Dispose in the cylinder compressed air is 90 liters with certified of hydrostatic test, of high capacity for maintenance of pressure and compressed air flow required during the test;
- Accordance the require of ASME code, equipment manufactured under pressure vessel;
- Pressure gauge with pressure indication in the units: (bar;kgf/cm²; psi)
- Casters in polymer for facility the moving;
- All the electric components had register in UL/CE;
- Building accordance with the UL508a/CE (not included certificate, consult us);
- "Pulse-Stop" for prevent the vibration during the test;
- Power 208 +/- 10% Vac +/- 10% - 50/60 Hz;
- Emergency button;
- Security automatic system of operator with view LED indicator; for position of sample and abrasive collection drawer;
- Digital timer for counting the test time specified in the standard;
- Digital timer of current cycle , for determined the life of the abrasives;
- Digital timer of total cycle realized that equipment;
- Abrasive inlet with control of vibration intensify, that possibility the flow control, accordance the standards;
- Clean system and pressure adjusted – after test;
- Pressure gauge with certificate.
- Certificate of hydrostatic test in the air compressor tank.

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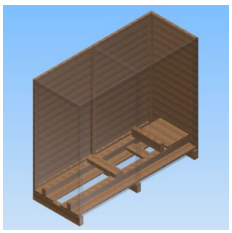
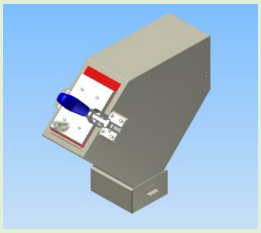
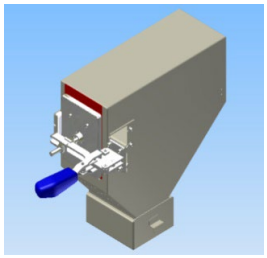
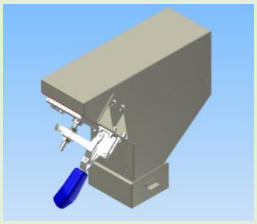
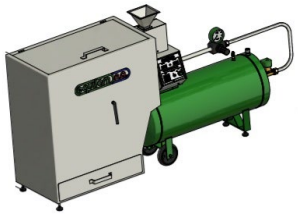
OPTIONAL ACESSORIES

EQOP.0009	Filter for air compressed line.	
EQOP.0033	Packing EQNA GR SAE/ASTM or DIN/ISO/VDA; Wood box with pallet.	
EQOP.0057	54° Target chamber for DIN/ISO/VDA	
EQOP.0058	Impact Chamber 90°	
EQOP.0059	Impact Chamber 135°	
EQOP.0061	Impact Chamber 3D	

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EQOP.0081	Chilled iron grit 0.14”- 0.18” (3.55 a 4.50 mm) Traceable certificate Packing with 2.42lbs. (1.100Kg)	
EQOP.0082	Worn River Gravel 0.37”- 0.62” (9.5 - 15.9 mm) Traceable certificate Packing 3.31lbs. (1.5Kg)	
EQOP.0083	Crushed granite 0.10” – 0.20” (2.5 – 5.0 mm) Traceable certificate Packing 3.31lbs. (1.5Kg)	
EQOP.0084	Crushed granite 0.20” – 0.51” (5.0 – 13.0 mm) Traceable certificate Packing 3.31lbs. (1.5Kg)	
EQOP.0085	Cast steel shot 0.07”- 0.11” (1.7 - 2.8 mm) Traceable certificate Packing 2.42lbs. (1.100Kg)	

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EQOP. 0163	Crushed basalt 0.094" – 0.189” (2.4mm – 4,8 mm) Traceable certificate Packing 3.31 lbs (1.5 Kg)	
EQOP.0168	Crushed basalt 0.189” – 0.315” (4.8 mm – 8.00 mm). Traceable certificate Packing 3.31 lbs (1.5 Kg)	
EQOP.0157	Cooling system (MAP) with complete enclosure of the equipment for working up to **-30°C**, +/- 2°C, with access doors for work. Voltage: 208 ~ 220 -3-60 – other consult us External dimension (W x D x H): 108.3”x 47.2”x 71.6” (2,750 x 2,200 x 1,820 mm) – included MAP Internal dimension (W x D x H): 86.2”x 37.9”x 54.5” (2,190 x 965 x 1,385 mm) Chamber: Wood package (W x D x H): 114.2”x 62.9”x 86.6” (2,900 x 1,600 x 2,200 mm) Total weight: 2,646 lbs (1,200 Kg) MAP: Wood package (W x D x H): 74.8”x 47.2”x 90.6” (1,900 x 1,200 x 2,300 mm) Total weight: 1,764 lbs (800 Kg) - Included: EQOP.0176	
EQOP.0158	Cooling system (MAP) with complete enclosure of the e quipment for working up to **-20°C**, +/- 2°C, with access doors for work. Voltage: 208 ~ 220-3-60 – FLA 65 – other consult us External dimension (W x D x H): 108.3”x 47.2”x 71.6” (2,750 x 2,200 x 1,820 mm) – included MAP Internal dimension (W x D x H): 86.2”x 37.9”x 54.5” (2,190 x 965 x 1,385 mm)	

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EQOP.166	Pressure gauge certificate for pressure control.	
EQOP.167	Air compressor tank certificate accordance ASME code section VIII.	
EQOP.0172	Acoustic cabinet for enclosing the Gravelometer, to reduce the noise level during the test, < 85 dB measured at a distance of one meter at angle of 90°. Test control panel on the outside of the acoustic cabinet. External Dimension: L x W x H = 83.85"x 47.10"x 50.67" (2,130 x 1,196 x 1,287 mm). Wood packaging dimension: W x D x H = 94.5” x 51.2” x 50.1” (2,400 x 1,300 x 1,500 mm) - Approximate Gross Weight: 650.36 lbs (295Kg).	
EQOP.0176	Upgrade of the gravelometer to work in a cold room, with a maximum distance of 197” (5 meters) between the gravelometer located inside the cold room and the laboratory at room temperature (for more details, contact us).	

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