



Test equipment for "Baby carriers" according to EN 13209-1 & EN 13209-2

Test sphere



Article n°: LE2117

Characteristics:

- \varnothing (120 \pm 2) mm
- Mass: (2.270 \pm 0.022) kg

Test bench for dynamic strength / durability



Article n°:
LE3022

Characteristics:

- Alternating vertical sinusoidal movement of an amplitude of (120 \pm 5) mm
- Frequency: (2 \pm 0.2) Hz

+ Product advantages:

- Adjustable settings to run stricter tests (optional)
- Secure and sound proof casing with 2 side openings to facilitate access to equipment

Small parts cylinder



Article n°: LE1111

+ Product advantage:

Stainless steel

Feeler gauge



Article n°: LE1142

Characteristics:

- Thickness: (0.4 \pm 0.02) mm
- Radius: (3 \pm 0.5) mm

+ product advantage:

Available as a set in a box (Article n°: LE9032)

Finger probes



Article n°: LE1103 \varnothing 7 mm

Article n°: LE1104 \varnothing 12 mm

Article n°: LE1105 \varnothing 7 mm, R 2,8

Adult test torso



Article n°: LE2010

Characteristics:

- Resin with reinforced superficial layer
- Weight: 30 kg

+ Product advantages:

- Tolerances \pm 1 mm thanks to 3D digital machining
- 3D dimensional check report (optional)

Test dummy



Article n°: LE2011

Characteristic:

- Weight: (9 \pm 0.1) kg

+ Product advantage:

- Superficial layer in plastic to avoid textile abrasion during testing

Test masses



Test mass	A	A / B	B
Dimensions	Ø 200	Ø 230	Ø 230
Mass	9 kg	15 kg	22 kg
Article n°	LE1249	LE1250	LE1262



Test mass	C	D	E
Dimensions	Ø 200 x 300	Ø 220 x 320	Ø 160 x 300
Mass	15 kg	22 kg	9 kg
Article n°	LE2017	LE2065	LE2016

Bite tester



Article n°: LE1030

Characteristics:

- Closing force of the teeth: 50 N
- Stop for teeth opening: 28 mm
- Stop for penetration into opened jaws: 17 mm
- 4 teeth, 50 Rockwell C hardness

+ Product advantages:

- Easily detachable teeth
- Setting screws to adjust opening stop (28 mm) and teeth overlap (1 mm)

Inclinable test platform



Article n°: LE2050

Characteristics:

- Inclination: -45° to +45°
- Dimensions: 1 400 x 1 400 mm
- Weight admissible on the platform: 100 kg
- 3 modular surfaces:
 - Aluminium oxide paper of grade 80
 - Platform in 6 mm thickness safety glass
 - Rubber mat thickness 2 mm, 75 Shore A

+ Product advantages:

- Fine adjustment of the angle thanks to the operating handle
- Designed also to EN1466, EN1888 and EN12790 standards with a quick surface change

Test bench for effectiveness of restraint system (360° rotation at 4 RPM)



Article n°: LE3052

This list of test equipment is not exhaustive. We can also **develop particular equipment according to your needs or specific standards**. Don't hesitate to contact us.

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