



NEW AUTOMAT



OPTION:

- Connectivity features



Up to 4 test modules per equipment, to choose from 9 different tests

Description & Advantages

The BGI110 is a multifunction testing equipment for ID1 cards. It offers the possibility to use up to 4 lines, each line corresponding to a test and controlled individually.

- Tests for contact cards, magstripe cards, RFID cards, dual cards, combi cards
- Possibility to test up to 40 cards simultaneously
- Possibility to order 4 lines on the same equipment
- Possibility to test the cards further than the norm changing only parameters on the interface (number of cycles, frequency, angle...)
- All lines can be removed and replaced by other lines, making a universal interchangeable testing solution
- Easy to use thanks to a screen touch interface in order to create and modify program
- For bending, jaws open more at the end of the test to release totally the cards and help for the insertion
- Independant lines : we can run a test while another one is opened for card insertion

Environmental conditions

- Operating temperature: +10°C to +40°C

Facilities

- Power: 100-240V AC
- Frequency: 50-60Hz single phase
- Power consumption: 250W maximum 4lines)

Designation

Base of the equipment
Each line (torsion, bending, 3 wheels)

Dimensions and weights

440x390x230mm (WxDxH), weight: 9kg
440x300x210mm (WxDxH), weight (depending of the line)

Ordering examples

Torsion + bending + 3 wheels
Full bending
Soft eraser + Sandpaper (printing companies)

Order reference number

BGI110A-BCE
BGI110A-CCCC
BGI110A-FH

BGI110A-B: Dynamic torsional stress

Torsion (twisting) - 10 cards on 1 test line

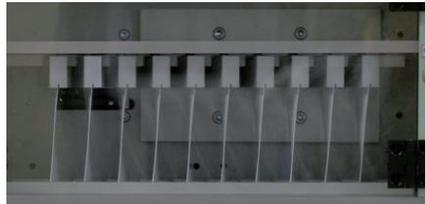
This equipment tests the mechanical or electrical effects on a card submitted to repeated torsional stress. Test for contact cards, magstripe cards, RFID cards, dual cards, combi cards

Weight: 14 kg

NORMS:

CQM 2016: TM-415

ISO: ISO7810, ISO 10373-1



📶 **Option: live antenna detection for 5 cards**



BGI110A-C: Dynamic bending stress

Bending - 10 cards on 1 test line

This equipment tests the mechanical or functional effects on a card submitted to bending stress. Test for contact cards, magstripe cards, RFID cards, dual cards, combi cards

Weight: 20kg

NORMS:

CQM 2016: TM-414

ISO: ISO 10373-1, ISO 7810



📶 **Option: live antenna detection for 6 cards**



BGI110A-D: Shortened bending flexure

Shortened bending flexure - 10 cards on 1 test line.

Test for contact cards, magstripe cards, RFID cards, dual cards, combi cards

Weight: 20kg



NORMS:

ISO: ISO 24789-2 annex A

BGI110A-E: Three wheels

3 wheels 1 axis - 2 cards on 1 test line

This equipment tests the physical or electrical effects on a card submitted to repeated mechanical stress conditions with force applied of 3N, 8N, 10N or 15N (ISO: 8N). Test for contact cards, magstripe cards, RFID cards, dual cards, combi cards

Weight: 17kg

NORMS:

CQM 2016: TM-421

ISO: ISO 10373-1



BGI110A-F: Soft eraser rub test



CARD ABRASION «soft eraser rub test» allows to test 2 cards on 1 test line, on the all surface of the card.

Linear test for contact cards, magstripe cards, RFID cards, dual cards, combi cards.

Weight: 15,5kg

Weight of 10N and 15N supplied, **Soft eraser not supplied**



NORMS:

CQM 2016: TM-B04-2

BGI110A-G: ID1 Card Flexure (bending flexure)

Bending flexure - 10 cards on 1 test line

This test simulates a repeatedly full card flexure.

Test for contact cards, magstripe cards, RFID cards, dual cards, combi cards

Weight: 20kg

NORMS:

ISO: ISO 10373-1

ANSI 322 2015 : 5.3, 5.13, 6.2, 6.5

📶 **Option: live antenna detection for 6 cards**



BGI110A-H: Sandpaper rub test



This line of the BGI110 realises the sandpaper rub test.
It allows to test 2 cards on 1 test line
Test for contact cards, magstripe cards, RFID cards, dual cards, combi cards.
Weight: 15,5kg

Consumable not supplied

NORMS:

CQM 2016: TM-B04-1

BGI110A-J: Wear test

Wear test - 2 cards on 1 test line

This is an abrasion test for magstripe cards
Weight: 15,5kg

NORMS:

ISO: ISO 10373-2

CQM: CQM tag #3024#



BGI110A-K: Card insertion

Card insertion - 2 cards on 1 test line

This test simulates the insertion of the card in a reader
Test for contact cards, dual cards, combi cards
Weight: 15,5kg

NORMS:

None, specific customer requirement

