

Detectronic 607 SmartLogic

The next generation of Detectronic metal detection: Intelligent Auto Learn, Dual Frequency and built-in performance validation — documented on the detector.



40 DETECTRONIC 1989 - 2025
Your Personal Metal Detector Experts in Denmark

DETECTRONIC PERFORMANCE VALIDATION REPORT
Model: 607 SmartLogic-4000-2

PASS
All 9 required test passes obtained and recorded (Green Only - All Green)

Test details:
Model: 607 SmartLogic-4000-2
Serial: 23456
Firmware: 2.0.0
Date: 2020-10-10 13:03:16
PT ID: 107-05 PWD: 107-05 OS: 0
Note: Cannot be changed (database id 1)

Test process:

No.	Test	Configuration	Required passes
1	1.0 min	1.0 min	1.0 min
2	2.0 min	2.0 min	2.0 min
3	3.0 min	3.0 min	3.0 min

Test process (every attempt is recorded):

No.	Test	Passes	Fail	Passes	Fail	Passes	Fail
1	1.0 min	1	0	1	0	1	0
2	2.0 min	1	0	1	0	1	0
3	3.0 min	1	0	1	0	1	0

Results:
2020-10-10 13:03:16 STATUS: AUTOMATIC
2020-10-10 13:03:16 SENS: 100
All required test passes obtained and recorded (Green Only - All Green)

Sign-off and record:
Model: 607
Date: 2020-10-10 13:03:16
Signature: [Signature]

PVS report, generated on the detector

SETUP

Intelligent

Auto Learn

DETECTION

Dual

Frequency · wet and dry

VALIDATION

PVS

Guided test, signed report

CALIBRATION

Certificates

Ready for online delivery

APPLICATIONS — FOR ALL FOOD INDUSTRIES



Available for Conveyor, Pipeline, Free Fall and other Detectronic models.

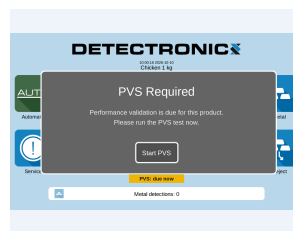
 Designed and manufactured in Denmark since 1986

www.detectronic.com
Product information and videos



OVERVIEW

607 SmartLogic is the new generation of the Detectronic 607. Intelligent Auto Learn sets up each product, Dual Frequency gives one detector for both wet and dry products, and PVS guides the user through performance validation. Reports and certificates are generated and stored on the detector.



The detector calls for PVS



IP69K USB for report export

Intelligent Auto Learn

- Learns the product signal
- Sets up the detector automatically
- Improved sensitivity

Dual Frequency

- One detector for wet and dry products
- Two operating frequencies
- Stable in salty and conductive products

Documented safety

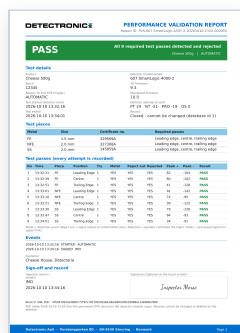
- PVS performance validation
- Calibration certificates
- Event log export by USB, optional Ethernet

PVS — PERFORMANCE VALIDATION IN FOUR STEPS

Step	What happens
1 • Start	PVS is started for the running product
2 • Test	Certified FE, Non-FE and Stainless Steel test pieces at leading edge, centre and trailing edge
3 • Record	Every attempt is logged: detection, reject output and confirmation
4 • Sign	Quality signs on the touchscreen. A PDF report is created and stored on the detector; it cannot be changed or deleted

UPGRADE ANY DETECTRONIC

SmartLogic can be installed on any Detectronic metal detector you already have. 100% backward compatible.



PERFORMANCE VALIDATION REPORT

Pass / fail summary, test pieces with certificate numbers, every test pass with time and result, quality sign-off and a protected record ID.



CERTIFICATE OF CALIBRATION

Issued after service by an authorised Detectronic technician: detection levels per metal, valid 12 months, next calibration date shown.

WHY DETECTRONIC

Reliability and stability since 1986. Family-owned and made in Denmark, installed in food plants worldwide.

SERVICE & SUPPORT

Installation, calibration, service and spare parts from Detectronic and trained local partners.

