	DANAK PROD Reg.no. 7026	FORCE Certification
OIML Member State Denmark		**OIML Certificate No.** **R61/2017-A-DK2-26.01**

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

Name: **FORCE Certification A/S**
Address: Park Allé 345, 2605 Brøndby, Denmark
Person responsible: Per Rafn Crety

Applicant

Name: **Esit Elektronik A.Ş.**
Address: Nişantepe Mah. Gelin Çiçeği Sk. No. 36,
34794 Çekmeköy, İstanbul
Turkey

Manufacturer **Esit Elektronik A.Ş.**

Identification of the certified type *(the detailed characteristics will be defined in the additional pages)*

ECI

Designation of the module *(if applicable)*

Automatic Gravimetric Filling Instrument

This OIML Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML type evaluation report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R 61-1, Edition (year): 2017

For accuracy class (if applicable)**:** Reference class 0.2

FORCE Certification A/S · Park Allé 345 · 2605 Brøndby · Tel+45 43 25 01 77 info@forcecertification.com www.forcecertification.com
Task no.: 126-28813 and ID no.: FC-OIML-23170-1 forcecertification.com/en/weighing

OIML Certificate No.
R61/2017-A-DK2-26.01

This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above.

This OIML Certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated OIML reports:

Type examination report: No. DANAK-1915578, dated 20 August 2015, that includes 91 pages

Type evaluation report: No. 126-28813.20, dated 30 October 2026, that includes 21 pages

The technical documentation relating to the identified type is contained in documentation file:

T209554, 126-28813

OIML Certificate History

Revision No.	Date	Description of the modification
Initial version	20 October 2026	-

Identification, signature and stamp
The OIML Issuing Authority
FORCE Certification A/S

Date: 30 October 2026

FORCE Certification
Digitally signed by Rasmus Møller Jensen
Date: 2026.10.30 16:54:38 +01'00'

Rasmus Møller Jensen
Project Manager

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated OIML type evaluation report(s) is not permitted, although either may be reproduced in full.

Descriptive annex

Type:	ECI automatic gravimetric filling instrument
Models:	BF / BFB / BFE / BFT / BBF / VBF / BXF
Weighing controller:	ECI
Reference class:	0.2
Accuracy class:	0.2 or 0.5 or 1 or 2
Maximum capacity (Max):	n × d
Maximum Fill (MaxFill):	≤ Max
Minimum Fill (MinFill):	See tables below
Minimum capacity (Min):	= Minfill
Verification scale interval (d):	≥ 1 g
Filling speed:	up to 20 fills/min
Weighing range:	Single-interval
Number of Verification Scale Intervals (n):	≤ 6000
Loads per fill:	1
Maximum tare effect:	≤ 100 % of Max
Temperature range:	-10 °C to 40 °C
Weighing mode:	static
Electromagnetic class:	E2
Humidity:	Non-condensing
Maximum time between automatic zero-setting:	See tables below
Extra warm-up time:	See tables below

MinFill's dependency of accuracy class, d in g and d in µV.

MinFill for:

verification scale interval (d):	1.0 ≤ d <1.6 µV
extra warm-up time:	≥ 4 minutes
maximum time between auto-zero:	≤ 100 minutes

d	Accuracy class X(0.2)		X(0.5)		X(1)		X(2)	
[g]	d	[kg]	d	[kg]	d	[kg]	d	[kg]
1	178	0.178	36	0.036	18	0.018	9	0.009
2	534	1.068	72	0.144	18	0.036	9	0.018
5	534	2.670	214	1.070	36	0.180	9	0.045
10	534	5.34	214	2.14	107	1.07	18	0.18
20	800	16.00	214	4.28	107	2.14	54	1.08
50	800	40.00	320	16.00	107	5.35	54	2.70
100	800	80.0	320	32.0	160	16.0	54	5.4
≥ 200	800	-	320	-	160	-	80	-

MinFill for:

verification scale interval (d): $1.0 \leq d < 1.6$ µV
extra warm-up time: None
maximum time between auto-zero: ≤ 120 minutes

d	Accuracy class							
	X(0.2)		X(0.5)		X(1)		X(2)	
[g]	d	[kg]	d	[kg]	d	[kg]	d	[kg]
1	1598	1.598	320	0.320	107	0.107	27	0.027
2	1598	3.196	639	1.278	160	0.320	54	0.108
5	1598	7.990	639	3.195	320	1.600	80	0.400
10	2396	23.96	639	6.39	320	3.20	160	1.60
20	2396	47.92	959	19.18	320	6.40	160	3.20
50	2396	119.80	959	47.95	479	23.95	160	8.00
100	2396	239.6	959	95.9	479	47.9	240	24.0
≥ 200	2396	-	959	-	479	-	240	-

MinFill for:

verification scale interval (d): $d \geq 1.6$ µV
extra warm-up time: ≥ 4 minutes
maximum time between auto-zero: ≤ 100 minutes

d	Accuracy class							
	X(0.2)		X(0.5)		X(1)		X(2)	
[g]	d	[kg]	d	[kg]	d	[kg]	d	[kg]
1	112	0.112	23	0.023	12	0.012	6	0.006
2	167	0.334	23	0.046	12	0.024	6	0.012
5	334	1.670	67	0.335	23	0.115	6	0.030
10	334	3.34	134	1.34	34	0.34	12	0.12
20	334	6.68	134	2.68	67	1.34	17	0.34
50	500	25.00	134	6.70	67	3.35	34	1.70
100	500	50.0	200	20.0	67	6.7	34	3.4
≥ 200	500	-	200	-	100	-	34	-

MinFill for:

verification scale interval (d): $d \geq 1.6\ \mu V$
extra warm-up time: None
maximum time between auto-zero: ≤ 120 minutes

d	Accuracy class							
	X(0.2)		X(0.5)		X(1)		X(2)	
[g]	d	[kg]	d	[kg]	d	[kg]	d	[kg]
1	500	0.500	134	0.134	34	0.034	17	0.017
2	999	1.998	200	0.400	67	0.134	17	0.034
5	999	4.995	400	2.000	100	0.500	34	0.170
10	999	9.99	400	4.00	200	2.00	50	0.50
20	1498	29.96	400	8.00	200	4.00	100	2.00
50	1498	74.90	999	29.95	200	10.00	100	5.00
100	1498	149.8	999	59.9	300	30.0	100	10.0
≥ 200	1498	-	599	-	300	-	150	-

Software

The software version of the ECI weighing controller is displayed at start-up.
The approved software version is 1.4.x

Devices

- Power up test
- Initial zero setting device (max. 20 % of Max)
- Semiautomatic zero setting device (max 4 % of Max)
- Zero tracking device (max 4 % of Max)
- Automatic zero setting device (max 4 % of Max)
- No motion detection and indication
- Automatic tare device
- Coarse filling device
- Fine filling device
- Stop mode (for check and verification purpose)
- Detection of significant fault

Interfaces

- RS-232C
- RS-485 / RS-422
- USB
- Modbus (optional)
- Profibus (optional)
- Ethernet IP (optional)
- Analogue Output (optional)
- Digital I/O (optional)

The interfaces do not have to be secured.