

# Type ART-2

## Weighing Indicator



EU TYPE  
APPROVAL



## Product Description

With its compact and state-of-the-art structure as well as its high level of sensitivity and improved functions, Esit's new generation scale indicator, Esit ART-2 offers the users all the features they expect. The indicator has a durable ABS plastic housing and it can either be mounted on the scale column or placed on a desk.

Double-display Esit ART-2 indicator allows entering data in alphabetical manner, defining codes, reporting, weighing and piece-counting, which make it a truly professional weighing instrument. It can be connected to a computer terminal and various printers.

## Features

Plastic housing suitable for use on scale column or desktop  
Capability to indicate weight, message-part and total value on two different display

- 6-digit white LED weight display
- 10-character alphanumerical operator's display

Real-time date and time

Dust and humidity-proof membrane keyboard with tact keys  
Alphabetic character entry

Storable settings for piece counting and pricing

Automatic and manual multiple tare

Zeroing, function and adjustment keys

Selectable unit display options:

kg / g / t / N / kN / lb / {mV/V} / mV / OZ / m / C° / pcs

Selectable language options: TR / EN

Barcode printing: Code 39 / EAN-13 / QR Code

Battery-protected non-volatile memory

Gain adjustment for load cell output

Calibration key; on/off switch

Remote display output

Printer output

RS232, RS485 serial output

Modbus TCP

3 relays output, 3 isolated inputs

## Options

12V Power Supply

Bluetooth, Wi-Fi

GSM

CanBus

## Technical Specifications

Accuracy		
Accuracy class (OIML approved)	10000d (III)	
Input sensitivity	0.5µV/digit	
Linearity	0.0015%	
Zero and gain stability	2ppm/°C	
A/D converter	24bit Sigma-Delta	
Digital filter	Dynamic numerical filtering	
Reading frequency	6-800Hz	
Load Cell		
Number of load cells allowed	8 (350ohm)	
Analog input range	± 80mV/V	
Excitation voltage	10V DC	
Environment		
Operating temperature range (OIML approved)	-10°C +40°C	
Storing temperature range	-20°C +70°C	
Operating voltage and power	24 V DC - max 8W	
Operator Handling and Display		
Keyboard	Dust and humidity-proof membrane keyboard with 20 tact type keys	
Weight display	6 digit, 7 segment, white LED	
Function display	10 digit, 15 segment, white LED	
Program display	Static load, True zero, Tare, Calibration, Relay 1-2-3, Input 1-2-3, Bluetooth, Wi-Fi, Power status, External arrow 1-2-3 indicators	
Housing		
Material and protection class	Plastic, IP54	
Weight	1.3kg	
Package weight and dimensions	1.5kg, 40x16x10cm	
Communication	Standard	Optional
Serial communication output	RS232, RS485	-
Printer output	✓	-
Binary (BCD) output	-	-
Remote display output	✓	-
Digital input	3	-
Analog output	-	-
Relay output	3	-
Bluetooth & Wi-Fi	-	✓
Ethernet Communication	Modbus TCP	-
CanBus	-	✓
GSM	-	✓

## Dimensions

(All measurements are expressed in millimeters)

