

# Type ART-S

## Weighing Indicator



EU TYPE  
APPROVAL



## Product Description

ART-S of the ART series is a compact and state-of-the-art indicator with a stainless steel, water-, dust- and impact-proof housing. With its high level of sensitivity and improved functions, ART-S finds application in food and chemical industries in the presence of severe industrial conditions. It can either be mounted on the scale column or placed on a desk.

Double-display ART-S 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

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

- 6-digit red LED weight display
- 9-character alphanumerical operator's display

Real-time date and time

Dust and humidity-proof membrane keyboard with tact keys

Alphabetic character entry similar to that in cell phones

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 / lbs / OZ / m / °C / °F

Selectable language options: TR / EN / RUS / BG / RO

Barcode printing: Code 39 / EAN-13

Battery-protected non-volatile memory

Gain adjustment for load cell output

Calibration key; on/off switch

Remote display output

RS232 serial output

Parallel output to printer

## Options

RS422 serial output

RS485 serial output

## Technical Specifications

<b>Accuracy</b>		
Accuracy class (OIML approved)	7000d (III)	
Input sensitivity	0.5µV/digit	
Linearity	0.004%	
Zero and gain stability	2.8ppm/°C	
A/D converter	24bit Sigma-Delta	
Digital filter	Dynamic numerical filtering	
Reading frequency	6-50Hz	
<b>Load Cell</b>		
Number of load cells allowed	8 (350ohm)	
Analog input range	± 160mV/V	
Excitation voltage	10V DC	
<b>Environment</b>		
Operating temperature range (OIML approved)	-10°C +40°C	
Storing temperature range	-20°C +70°C	
Operating voltage and power	220-240V AC / 12-35V DC - 8W	
<b>Operator Handling and Display</b>		
Keyboard	Dust and humidity-proof membrane keyboard with 20 tact type keys	
Weight display	20 mm, 6-digit, 7-segment, red LED	
Function display	15 mm, 9-digit, 15-segment, red LED	
Program display	25 mm, 8x8 dot matrix LED	
<b>Housing</b>		
Material and protection class	Stainless Steel, IP65	
Weight	4.1kg	
Package weight and dimensions	4.6kg, 32x35x17.5cm	
<b>Communication</b>		
	<b>Standard</b>	<b>Optional</b>
Serial communication output	RS232	RS422 / RS485
Parallel printer output	✓	-
Binary (BCD) output	-	-
Remote display output	✓	-
Digital input / output	-	-
Analog output	-	-

Esit reserves the right to modify, without prior notice, the products in accordance with technological developments.

## Dimensions

(All measurements are expressed in millimeters)

