



**EX**  
Danger  
Explosive atmosphere  
Kıvılcaksız  
Explosion Riskli Ortam



**SAFE WEIGHING IN  
ATEX 1/21 ZONES**



**DINI ARGEO**

**Scales - Weighing systems**

A RICE LAKE WEIGHING SYSTEMS COMPANY

# DO YOU HAVE TO WEIGH IN HAZARDOUS ATEX ZONES?

**DINI ARGEO**  
HAS THE PERFECT  
SOLUTION FOR YOU!



- ✓ **Superior quality design**
- ✓ **Connectivity**
- ✓ **ATEX and IECEx compliant**

These characteristics make our products unique on the market.

With the following Dini Argeo solutions, you can safely weigh in ATEX zones.

## ATEX SOLUTIONS FOR OVER 20 YEARS

For over 20 years, Dini Argeo has been the international benchmark for weighing systems for hazardous zones.

With a wide choice of products, communication interfaces, functions and intrinsically safe electronics, Dini Argeo solutions meet safety requirements and optimise production processes in ATEX 1/21 zones.

Dini Argeo also has a range of IECEx-certified products for the international market, which complete the ATEX solution offering for every weighing need on the market.

## DFWIECEX WEIGHT INDICATOR

- ✓ **AISI 304 stainless steel** casing with IP65 and IP68 certified protection
- ✓ **High-contrast RGB** with 6 digits, 25 mm high
- ✓ Complete offer of **industrial interfaces**, such as:
  - 3 “Ex i” RS485 serial ports with Fieldbus protocol support
  - Low energy Wireless Personal Area Network
  - 4 “Ex i” digital inputs and 12 “Ex i” digital outputs
  - “Ex i” analog output (0/10 VDC, 0/20 mA, or 4/20 mA)



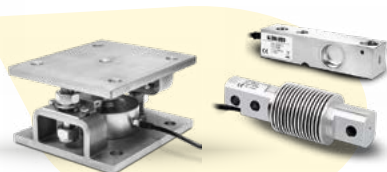
### ATEX classification:

- gas: Ex ib [ib Gb] [ia Ga] IIC T4 Gb
- powders: Ex tb [ib Db] [ia Da] IIIC T135°C Db
- ATEX: II2 (2) G (1) G
- ATEX: II2 (2) D (1) D
- Ta 0°C / + 50°C



**DFWIECEX-BATCH1**  
version for filling and dosing processes

**KITS AND LOAD CELLS**



**PALLET SCALE**



**PALLET TRUCK SCALE**



**BENCH SCALE**



**FLOOR SCALE**

## 1/21 Zones



Optional Alibi memory



Rechargeable battery



Power supply



WPAN-LE\*

3x RS485 interfaces

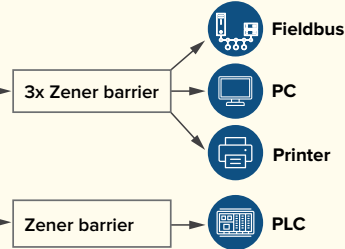
Analogue output

4 digital inputs  
12 digital outputs



Platform

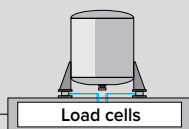
ATEX push-button box



**Non-hazardous area**

## 0/20 Zones

Direct connection with load cell in zone 0  
No Zener barrier required



\*Wireless Personal Area Network Low Energy

Dini Argeo dealer network:  
over 3500 partners  
in more than 130 countries across the world

“YOUR WORLDWIDE PARTNER  
FOR WEIGHING”

## WHY CHOOSE DINI ARGEO?



### COMPANY HEADQUARTERS

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41042 Fiorano Modenese • Italy  
Tel. +39.0536 843418

### SERVICE ASSISTANCE

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41042 Fiorano Modenese • Italy  
Tel. +39.0536 921784

### OTHER DINI ARGEO LOCATIONS

DINI ARGEO WEIGHING INSTRUMENTS Ltd  
China

DINI ARGEO UK Ltd  
United Kingdom

DINI ARGEO FRANCE sarl  
France

DINI ARGEO GMBH  
Germany

DINI ARGEO OCEANIA  
Australia



### WORLDWIDE SERVICE AND SHIPPING

International group  
with offices in America,  
Europe, India, China,  
Mexico and Oceania,  
over 1100 employees  
and a network of  
specialised partners  
in 130 countries  
worldwide.



### FAST SHIPPING

Dini Argeo always  
keeps complete  
systems in stock that  
can be shipped quickly.



### MADE IN ITALY

Dini Argeo weighing  
solutions are made  
in Italy and guarantee  
the highest quality  
standards.

The information in this document is approximate  
and can be subject to variations without prior notice  
by Dini Argeo, with respect of the norms in force.  
The official technical data is available in the  
updated version on the [www.diniargeo.com](http://www.diniargeo.com) website  
or by contacting Dini Argeo Customer Service.

SALES SERVICE AND TECHNICAL ASSISTANCE



DFWIEEX-LEN  
Rev. 30/04/2026