



Accurately Weighing Africa



DD1010

weighing efficiency integrator



Sasco's Tier I Technology comprises the Bilanciai range of instrumentation which is recognised as the leader in terms of accuracy, reliability and functionality.

GENERAL

The DIADE Series is a revolutionary new range of fully programmable weighing processors. In addition to being high performance weighing instruments, these terminals offer exciting and innovative opportunities for application specific customization. The DIADE Series not only provides tailor-made software for specific operations, but it can also be independently programmed to meet all the various application needs when used in an industrial environment.

The very same system offers almost endless programming possibilities, using state-of-the-art languages, for the management of complex applications, together with versatile PLC software to manage these processes more simply.

In mathematics, Dyad (Diade) is the combination of two elements to achieve excellence. DD1010 is supplied with the weighing metrological software and combines all the characteristics and performance of a weighing system, integrating with management and process systems of the client.

Optional applications software makes it possible for users to personalise all the functions and graphics they need for their own operations.



APPLICATIONS

Because of its extreme versatility the DIADE Series can be used in all industrial weighing environments. The family of Diade weighing terminals is undoubtedly the perfect solution for many control processes, making possible a significant reduction in the system components used, with the following benefits:

- **Fewer and less complex connections with a consequent reduction in installation costs.**
- **Reduced costs for system components.**
- **Simpler maintenance/assistance procedures.**

FEATURES AND PRINCIPLES

RELIABLE AND VERSATILE: Intended for industrial applications, the DD1010 is available in AISI304 stainless steel with an IP65 front panel.

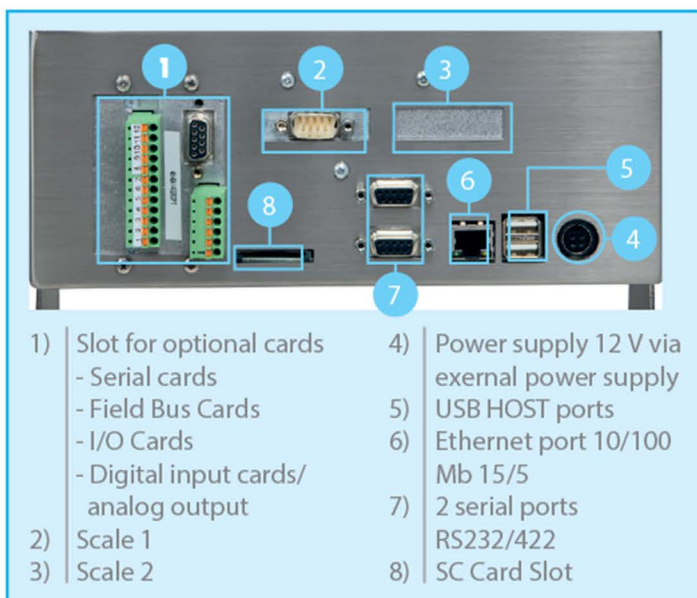
SUITABLE FOR ANY OPERATING ENVIRONMENT: Stainless steel with an IP68/IP69K protection rating.

FAST AND SIMPLE TO USE: The possibility to customize the main screen keys as needed by dividing the most frequently used icons into groups makes it extremely user-friendly.

NETWORKED COMMUNICATIONS: The DD1010 is provided with a standard Ethernet and optional Wifi connection, 2 additional serial communication ports, 2 slots for optional cards, 2 USB ports and a slot for the "SDcard", which make the DD1010 an innovative instrument, interacting with the latest IT devices present on the market. The remote maintenance for software updating or VNC remote control are user-friendly and practical.

DATA MANAGEMENT: The use of an SQL relational database with remote connection services and archive flexible structure allows targeted management of data, which can be easily exported (CSV file format) to the company databases, through network, SD card or USB memory stick. A PC based software package can be used for the remote management of the databases. The current weight ticket and statistic results can be archived in a PDF format, e.g. weight ticket PDF, malfunction warning messages such as out-of-paper messages etc.)

TECHNICAL SPECIFICATIONS



SOFTWARE OPTIONS

DIADE Series terminals are equipped with weight measuring software. It is also possible to use this instrument with software designed for a diverse number of applications.

VEHICLE WEIGHING packages are available that can be connected directly to a wide range of management systems for the export/import of data.

In addition to calculating net weight, it is also possible to manage the additional data required for printing transport documentation, including A4 printed format.

The system can also be used to manage identification and access control equipment, such as card readers, electronic barriers, automatic number plate recognition systems, traffic lights etc.]

BATCH CONTROL software is available for weighing systems to control and manage weighing cycles, recipe formulae, silos, products, statistics, fast and slow filling and emptying plus automatic in-flight correction.

WASTE & RECYCLING MANAGEMENT software for waste processing sites, software for logistics, filling/emptying operations and for the Food Industry processing operations are also available.

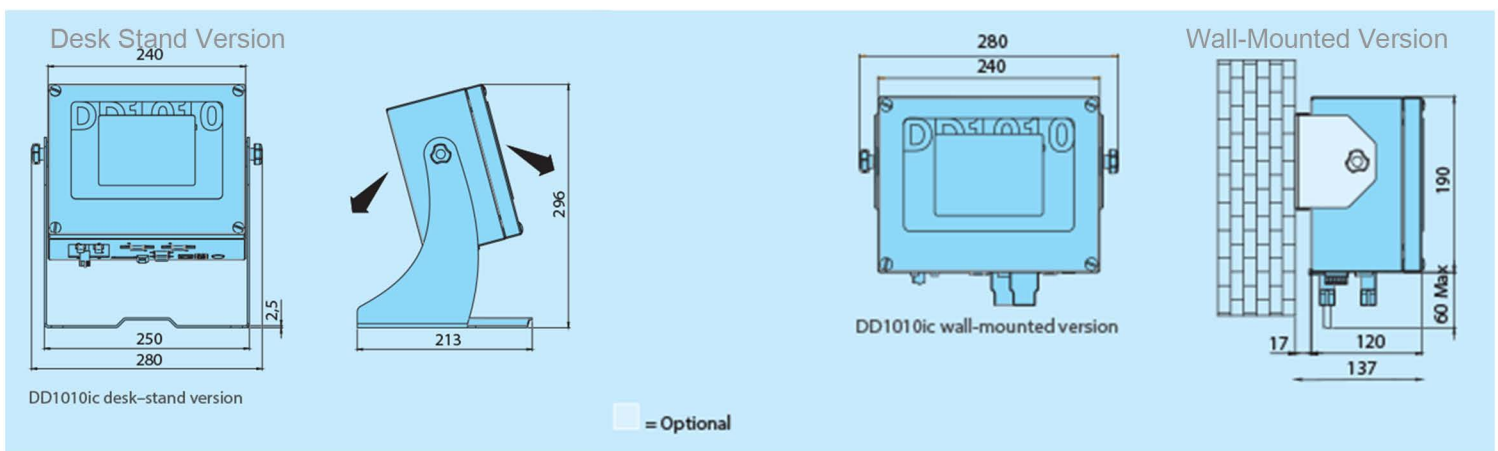


Data transfer



Totalizations

OPTIONAL MOUNTING



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