



Accurately Weighing Africa



DD 1050

Weighing Management Processor



Sasco is a dynamic weighing solutions focused company which procures and supports a leading range of globally sourced industrial weighing technologies. Sasco has the highest metrological ranking of any Southern and Central African company, and as a result of our experience gained through 100 years of operation, we are uniquely positioned to specify and supply optimal weighing equipment, automation and weighing information data solutions to Southern and Central Africa's leading industrial companies. Sasco reputation has been built on innovation and choice underpinned by professionalism, modernity and experience.

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.

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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.

The DD 1050 terminal is designed for industrial applications, features the standard measuring software required for weighing management. To complete the terminal, various specific items of software are available for different weighing applications.

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

ROBUST AND VERSATILE: Designed for industrial applications; body in ABS with a stainless steel front. Available in both bench and wall-mounted versions.

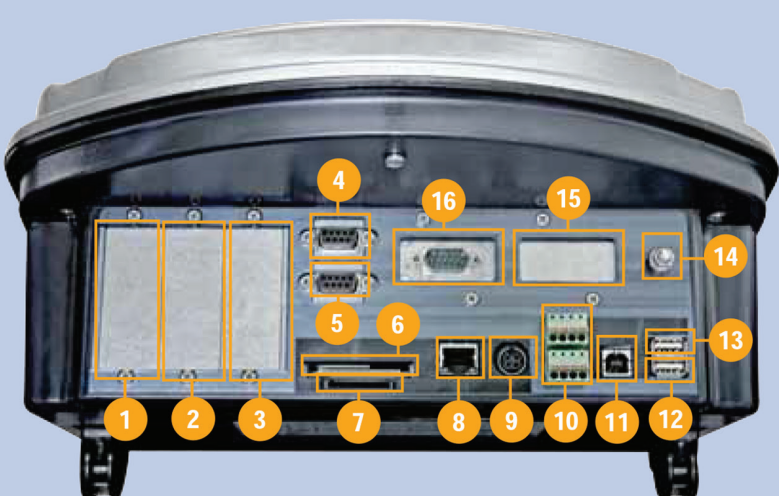
SUITABLE FOR ANY OPERATING ENVIRONMENT: For applications in “harsh and aggressive” environments, the completely stainless steel version is available with IP68 protection.

FAST AND SIMPLE TO USE: The 10.4” colour touch screen colour display features easy-to-understand icon graphics and the screen layout can be readily personalized for specific applications.

NETWORKED COMMUNICATIONS: The hardware configuration, together with the programming power of the DD 1050 terminal, ensures simple connectivity with customers’ own networks and because it is possible to install drivers for various peripheral accessories, such as printers etc., these can be managed directly from the terminal.

DATA MANAGEMENT: By using an SQL relational database, enhanced with remote connectivity options and flexible archive structuring, targeted data management can be achieved enabling the data in question to be easily exported to corporate databases.

TECHNICAL SPECIFICATIONS



1-2-3 Slots for optional cards

- serial cards,
- I/O card,
- field bus card

4-5 2 off RS232/422/485 serial ports for connecting printers, repeaters, PCs etc.

6 Expansion slot for memory card

7 SD card expansion slot

8 Ethernet 10/100 output

9 12 VDC/4A power supply

10 2 off 24 VAC/DC Input/Outputs

11-12-13 USB ports

15 Weighing machine 2

16 Weighing machine 1



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.

SASCO WEIGHING DIAGNOSTICS OPTION

One of the major challenges in Africa is the vast distances between sites and the impact this has on the time it takes to realise there is a breakdown, identify the cause and then repair the fault.

The solution to this challenge is Sasco Weighing Diagnostics which is an APP that can be loaded on any number of "DD range" of indicators, enabling these indicators to be interfaced to Sasco Weighing Diagnostics Desktop software, thereby providing real time remote visibility of the technical operating status of the indicators and all their associated load cells.

In short Sasco Remote Diagnostics is the software solution that enables customers to reduce downtime by remotely monitoring real-time the operating status of their weighing equipment, quickly realize when equipment is down, and pro actively directing the Sasco accredited service provider to the most likely problem.

SMART SUPPORT

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This brochure contains a general guide of the product only and shall not form part of any contract unless specifically agreed by Sasco Africa in writing in each case on the Order Acknowledgement. The specification of the product described herein may vary from time to time and may be altered without notice.

Date	Id Plate	1st Weight	2nd Weight	Net	Product
10-04	AK2345	10.550 kg	10-04	25.400 kg	Barbubariolo
10-04	BH4256	9.590 kg	10-04	28540 kg	18.950 kg Malt
10-04	TT5430F	11.340 kg			Grano
10-04	HC3456F	10.450 kg			Barbubariolo
10-04	BH5600	10.430 kg			Barbubariolo
10-04	AS3456F	11.520 kg			Grano Saraceno
10-04	AD5678C	9.810 kg			Malt
10-04	DR4567G	10.020 kg			Misto
10-04	TT1230S	9.960 kg			Riso
10-04	AS5430D	6.530 kg			Grano
10-04	AA4567G	11.540 kg			Barbubariolo
10-04	AG3200	10.050 kg			Grano Saraceno
10-04	AK5678F	11.050 kg			Barbubariolo
10-04	BC341EE	10.240 kg			Misto
10-04	AL4538B	9.670 kg			Misto

