

Metering and drainage station DULCODOS® SAFE-IBC

Safety as a priority with the reliable metering of liquid chemicals.



Storage and drainage of IBCs up to 1,000 l – metering of chemicals up to 1,000 l/h

DULCODOS® SAFE-IBC is a special metering and drainage station for Intermediate Bulk Containers (IBC) with almost complete residual drainage.

The IBC is positioned and fixed at the customer's side on the respective installation surface of the collecting pan slightly tilted forward. Featuring leak-proof safety couplings and hoses, the IBC is connected to an approx. 200-litre interim tank fitted to the left side of the collecting pan. Alternatively, the station can be ordered with a standpipe and tank volume of approx. 60 litres.

When changing the IBC, this buffer volume ensures an interruption-free process. The IBC change can also be

planned better with a visual level indicator and a liquid level measurement with alarm message. The station is equipped with an inspection opening for maintenance purposes.

A compact metering station can be integrated in the front of the interim tank depending on process requirements for reliable metering. It is equipped either with one or two solenoid-driven metering pumps or with one motor-driven metering pump.

Larger metering stations can be configured as required and designed for side mounting on the wall or installation on the floor.

Your benefits

- Maximum operating safety and excellent process reliability, thanks to uninterrupted metering into the process.
- Excellent process reliability, thanks to uninterrupted metering into the process.
- Secure installation of an IBC on a special roll-under retaining tank construction. Any drops are reliably collected and cannot escape at the installation site; almost complete residual drainage of the IBC.
- Intermediate tank with a volume of approx. 200 litres in conjunction with an integrated metering station.
- Retaining tank and intermediate tank both have DIBt approval Z-40.21-585.
- Special designs are available for installation in earthquake zones 1 to 3 in compliance with DIN 4149.

Field of application

- Metering of liquids in chemical and industrial production
- Potable water treatment
- Cooling water treatment
- Food & beverages
- Electroplating
- Paper industry

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Technical Data

Design versions

	Order no.
DULCODOS® SAFE-IBC 200-litre PE standard FKM	1106230
DULCODOS® SAFE-IBC 60-litre PE standpipe FKM	1106231
DULCODOS® SAFE-IBC 200-litre PE standard mirror-image FKM	1106232
DULCODOS® SAFE-IBC 60-litre PE standpipe mirror-image FKM	1106233
DULCODOS® SAFE-IBC 200-litre PE standard EPDM	1114974
DULCODOS® SAFE-IBC 60-litre PE standpipe EPDM	1114975
DULCODOS® SAFE-IBC 200-litre PE Standard mirror-image EPDM	1114976
DULCODOS® SAFE-IBC 60-litre PE standpipe mirror-image EPDM	1114977
DULCODOS® SAFE-IBC, 200-litre PE earthquake zone FKM	1114978
DULCODOS® SAFE-IBC 200-litre PE mirror-image, earthquake zone FKM	1114979
DULCODOS® SAFE-IBC 200-litre PE earthquake zone EPDM	1114980
DULCODOS® SAFE-IBC 200-litre PE mirror-image, earthquake zone EPDM	1114981

Options

	Order no.
Version for outgassing media*	1106613
Version for outgassing media EPDM*	1114982
PURACARB Media binding agent 0.6 litres	1044341
PURACARB AM Media binding agent 0.6 litres	1044344
PK 2050 binding agent 0.6 litres	1044345
CHLOROSORB ULTRA Media binding agent 0.6 litres	1044346
PURAFIL SP Media binding agent 0.6 litres	1044347
Purafil SP Blend Media binding agent	1109584
Level measurement with radar sensor	1113272
Liquid level measurement with ultrasonic sensor	1107079
Maximat® LWC BX leakage sensor	1080055
PE hose groove cover	1029217
Drainage hose for IBC, PTFE	1107080

*Order binding agent in addition depending on the medium

Spare Parts

	Order no.
IBC connector DN25 dry-closing FKM	1106580
IBC connector DN25 dry-closing EPDM	1111534
PVC hose DN25, 1 m	1029382
Float switch / level measuring device (4 no. fitted in total)	142086
Set of fittings / seals FKM SAFE-IBC*	1107550
Set of fittings / seals EPDM SAFE-IBC*	1107551

Full set of replacement consumables (recommended at the latest after 3 years of operation)