

Flexible heating jacket Model HM-Ex for gas cylinders, drums and IBCs

- **Safe heating especially in explosion-protected areas**

- The heating jacket supports and accelerates operational processes by heating liquids and keeping them warm
- In a special elastomer and silicon-coated glass fibre material, with patented heating technology
- Supplied with 5 m cable (without plug)

Heating jacket for IBCs and 205 litre drums in ex-zones.

- Certified in accordance with ATEX - II 2 G Ex e II T3 (zones 1 and 2)
- Automatic temperature control - the heating jackets reach temperatures of up to 80°C (drum wall), or 55°C (IBC)
- Protection class IP 44
- Power supply: 240 V



£ 5,089.00



Order no. 176-398-J9

Heating jacket model HM 4 EX, for standard IBCs (also for heating 4x 205 litre steel drums)



£ 3,532.00



Order no. 178-874-J9

Heating jacket model HM 3A EX, for 205 litre drums (also suitable for HDPE containers)

Insulation cover for IBC/KTC containers

- **Insulated cover to protect the IBC from cooling down quickly,**

- Applicable also in ex-protected areas
- Ideal in combination with HM4 or HM4Ex heating jackets



£ 254.00

Order no. 129-157-J9

Design	EX versions	
	HM 3AEX	HM 4EX
Model	205 L steel / plastic drum	1000 L IBC
Suitable for	205 L steel / plastic drum	1000 L IBC
Container volume min [mm]	1800	4060
Container volume max [mm]	1950	4310
Height [mm]	850	950
Output [W]	720	1700
Order number	178-874-J9	176-398-J9
Price / Item(s)	£ 3,532.00	£ 5,089.00

i Ex proof heating jackets are available in other sizes to suit your requirements on request, just give us a call. Heating jacket with digital thermostat, ATEX compliant, see online shop or on request!

Heating jacket model HM 1Ex / HM 2Ex, for containers and drums

- Suitable for steel and plastic containers from 25 to 60 litres
- ATEX approved:
ex II 2 G D EX E IIC T4 GB /
(IECEX) TB IIIC T135°C dB (zones 1 and 2)
- Certified automatic temperature control: max. Wall temperature 80 °C (drum wall)
- IP 54
- Power supply: 240 V

from £ 2,808.00

Heating jacket model HM 1Ex, for 25 /30 litre steel and plastic containers



Heating jacket model HM 2Ex, for 50 /60 litre steel / plastic drums



Heating jacket model HM-GEx, for gas cylinders

Many laboratory and industrial processes need a constant supply of gas. If the level of the liquid in the gas cylinder drops quickly, ice can form on the surface of the cylinder - with a negative effect on the gas flow required. The heating jacket keeps the gas cylinder at the required constant temperature and so ensures a constant gas flow.

- Suitable for standard size gas cylinders:
Ø approx. 230 mm, overall length approx. 1075 To 1630 mm (length including valve)
- ATEX approved:
ex II 2 G D EX E IIC T4 GB /
(IECEX) TB IIIC T135°C dB (zones 1 and 2)
- Certified automatic temperature control: max. Wall temperature 70°C (gas cylinder wall)
- Power supply: 240 V
- Optional: EX heating jacket including in-built thermostat for manual control: 0 to max. 50°C (wall temperature)

Heating jacket model HM-GEx for zones 1 and 2, incl. Thermostat (approved for EX zone)



Design	EX versions			
	HM 1Ex	HM 2Ex	Hm-gex	Hm-gcex
Suitable for	25/30 litre steel / plastic containers	50/60 litre steel / plastic drum	Gas cylinder Ø 230 mm	Gas cylinder Ø 230 mm
Container volume min [mm]	870	1100	680	680
Container volume max [mm]	1020	1250	830	830
Height [mm]	400	460	1050	1050
Output [W]	90	130	100	100
Design	With automatic temperature control			With thermostat
Order number	236-434-J9	236-436-J9	236-437-J9	236-438-J9
Price / Item(s)	£ 2,808.00	£ 2,892.00	£ 3,338.00	£ 4,808.00

Induction drum heater for use in ex-zones

- For steel drums up to 205 litres, for quickly heating viscous fluids
- Ideal to liquidise solids
- High performance and low energy usage - save time in production
- Certified in accordance with ATEX for ex-zones 1 and 2: Ex II 2 GD / Ex e II T3
- Protection category IP 66
- Protected against overheating



Accessories are available in the shop!

denios.shop/drum-heater-acc



Induction drum heater

- Instant heat in the drum wall, no time is lost
- Temperature increase dependant on the liquid, approx. 10 -15°C per hour
- Certified, automatic temperature limitation: max. 123°C (at the drum wall, at 20°C ambient temperature)

£ 6,174.00



Order no. 117-719-J9

i The combination of an induction heater and an additional IBP base heater panel shortens the heating time, e.g. For light oil, by > 20%



Induction heater model IHG in combination with the base heater plate model IBP

Induction drum base heater type IPB

- Can be used individually or for optimising the heating process in combination with an induction drum heater and GFK cover
- Certified, automatic temperature limitation
- In combination with the induction heater and GFK cover a complete "mini-oven" is created for heating drums in EX zones



Drum base heater type IPB, for steel drums up to 205 litres

£ 3,738.00

Order no. 178-875-J9

	Induction drum heater	Induction drum base heater type IPB
Version	Jacket heater	Floor heating
Output [W]	2750	500
Nominal voltage [V]	240	240
Internal diameter [mm]	613	560
Weight [kg]	50	55
External dimensions W x D x H [mm]	790 x 790 x 740	750 x 890 x 60
Order number	117-719-J9	178-875-J9
Price / Item(s)	£ 6,174.00	£ 3,738.00

ACCESSORIES	Order number	Price / Item(s)
Control box to manually adjust the temperature (0-100%), the box has to be installed in a non-ex area.	168-039-J9	£ 539.00

ACCESSORIES

GFK hood

Glass fibre reinforced plastic hood – additional protection against heat loss, approved for EX



£ 1,088.00



Order no. 178-877-J9