

GO WITH THE FLOW.

**T** HORN  
TECALEMIT

Diesel dispensing station / Pump system

# HDM eco / HDM eco Box: Why should you settle for less?

Everything you need!  
Made in Germany



You only need to determine the number of users!

#### Your benefits:

- **Maximum of equipment**

- Tank automat with PC software (2,000 users)
- Identification via transponder technology
- Incl. USB interface for data transfer

- **PC-Software included**

- Transparency of the output data

- **Fast and reliable refueling**

- **Small, compact and robust**

- **Safety features**

- Including drip tray
- Including leak detection

[www.tecalemit.de](http://www.tecalemit.de)

### HDM 60 eco (Series) / HDM 80 eco (Series)

110 700 860	Diesel dispensing station HDM 60 eco
110 700 880	Diesel dispensing station HDM 80 eco
110 700 960	Pump system HDM 60 eco Box
110 700 980	Pump system HDM 80 eco Box

The HDM Eco Series is a high performance diesel dispenser and pumping system with integrated fuel management capability, specially developed for fleets and non-public filling stations.

Designed for economy, reliability and simplicity of use, the HDM eco Series is manufactured to meet the needs of demanding applications, and provides the operator with easy to read dispensed fuel data.

The user-friendly HDM Eco Series can be used by up to 2,000 different drivers and vehicles and its advanced technology using a USB interface enables the quick and easy transfer of data.

HDM eco Box:



HDM eco:



#### Options (summary):

233 400 200	Transponder tag for non-contact subscriber identification
233 400 165	Float switch HDM eco for pump deactivation in case of lack of medium
233 400 170	PC connection RS 422 for HDA eco - up to max. 1.200 m
233 400 190	PC connection RS 232 for HDA eco - up to max. 15 m
233 400 180	Filter incl. filter holder
233 400 160	Connection for filling level probe, automatic filling system HDA eco
233 400 195	Mounting kit return line for HDM eco, for above-ground tanks
233 400 470	Unlock code fee (when upgrading)
224 010 000	Filling level probe 0,5% 200 mbar, Tank height approx. 2 m, cable 5 m
224 020 000	Filling level probe 0,5% 300 mbar, Tank height approx. 3 m, cable 5 m
224 050 000	Filling level probe 0,5% 500 mbar, Tank height approx. 5 m, cable 7 m
224 061 000	IP 66 terminal box with breathable filter

### HDM 60 eco (Series) / HDM 80 eco (Series)

#### Technical specification

Version:	not calibratable
Pump:	W 50 II (HDM 60 eco) or W 80 (HDM 80 eco) vane pump with asynchronous motor
Nominal Voltage:	230 V 50 Hz
Flow rate:	max. 55 (HDM 60 eco) oder 75 (HDM 80 eco) l/min*
Suction lift:	max. 3,5 m*
Metering principle:	Oval wheel gear meter with pulser
Accuracy:	+/- 0,5%
Discharge hose:	ca. 4 m DN 19 (HDM 60 eco) or DN 25 (HDM 80 eco) with type-approved automatic nozzle A2010, discharge hose holder
Inlet:	G 1" (HDM 60 eco) or G 1 1/4" (HDM 80 eco) Possibility for rear and underground suction tube connection, underneath suction tube connection for HDM eco box
Suction line:	min. DN 32 (HDM 60 eco) or min. DN 50 (HDM 80 eco)
Housing:	robust powder-coated steel housing
Tank automat HDA eco:	Up to 2,000 users, incl. USB interface for data transfer, incl. transponder reading unit
Display:	Two-line LCD display, illuminated, 8 or 19 mm digit height
Montage HDM eco Box:	Wall mounted with bracket or tank mounted
Tank data storage:	Saves up to 2,000 filling data sets
Medium:	Diesel
Standard languages:	DE, EN, FR, ES, DK, PL, RU
Ambient temperature:	-20°C to + 55°C
Liquid temperature:	-10°C to + 35°C
Dimensions HDM eco:	ca. 410 x 1410 x 275 mm
Dimensions HDM eco Box:	ca. 550 x 470 x 340 mm
Weight HDM eco:	ca. 50 kg (HDM 60 eco) or ca. 55 kg (HDM 80 eco)
Weight HDM eco Box:	ca. 29 kg (HDM 60 eco Box) or ca. 35 kg (HDM 80 eco Box)

\*depending on viscosity and system

HORN TECALEMIT is your partner for the professional delivery, filling and measurement of fuel, oil, grease, air and chemicals.

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