



HELAGO-CZ, s.r.o.  
Commercial Register maintained by the Regional  
Court in Hradec Králové  
Section C, File 17879  
Kladská 1082  
500 03 Hradec Králové 3  
Company ID: 25 96 39 61, VAT: CZ 25963961  
Phone: 495 220 229, 495 220 394  
Fax: 495 220 154  
GSM gate: 602 123 096  
E-mail: [info@helago-cz.cz](mailto:info@helago-cz.cz)  
Web: <http://www.helago-cz.cz>

## **U2070C-02 - Vacuum pump system for harsh chemical applications ChemStar® Dry 2070**

Order code: **8010.U2070C-02**



Cena bez DPH

6.790,00 Eur

Price with VAT

8.215,90 Eur

Parameters

Pumping rate [l/min]

140

Threshold pressure [kPa]

0,007

Vacuum pump

Diaphragm

Quantitative unit

ks

With the new ChemStar Dry, you get the advantages of two combined technologies: Roots blower and diaphragm vacuum pump. The result is an oil-free, software- driven vacuum system, ready to work on your tough chemical applications – clean, fast, and thorough.

ChemStar Dry pumps quickly down (9 m<sup>3</sup>/h) to the working range for most evaporative operations (2.0 to 0.1 mbar) with an ultimate pressure of 10<sup>-2</sup> mbar. The innovative electronically controlled vapour load optimises the pumping speed control. You can even pump corrosive vapours, since all wetted parts of the system are coated with PTFE and other proprietary coatings so they are chemical resistant. The integrated self-cleaning function also contributes to the system's long lifetime and enables repeatable results. Take advantage of its state-of-the-art technology for optimal operating conditions and results. ChemStar Dry is suitable for all applications where high gas flow and deep vacuum are needed.

#### **Advantages:**

- Oil-Free : no oil back-streaming, no oil maintenance/disposal, cleaner work place, cleaner samples, less maintenance
- Plug and Play: patented software control, auto speed control from atm to 0.07 mbar, self-cleaning function, protection from surges
- Low vacuum mostly without cold trap: no dry ice or trap apparatus needed, less maintenance, lower cost of ownership, extra bench space
- Chemical Resistant: pumps corrosive vapour/gases, TFE and proprietary coatings

Connection kits available. See "Service/Accessories" parts.

#### **Technical Data**

- Max. pumping speed at 50 Hz in m<sup>3</sup>/h (l/min): 8.4 (140)
- Max pumping speed at 60 Hz in m<sup>3</sup>/h (l/min): 10.1 (168)
- Ultimate pressure in mbar (Torr) without gas ballast: 7x10<sup>-2</sup>
- Wired for: 230V, 50/60Hz
- Intake connection: DN 25 KF
- Exhaust connection: DN 25 KF
- Sound level (dB): 57
- Dimensions (W/D/H) in mm: 460/220/470
- Weight kg (lbs): 23 (50.7)