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Firma je registrována u Krajského soudu v Brně, oddíl C, vložka 77278.

Datum vystavení: 10.01.2022

Datum platnosti od: 30.01.2022

Datum platnosti do: 30.03.2022

Odběratel

Univerzita Jana Evangelisty Purkyně v Ústí nad Labem

Pasteurova 3544/1

40001 Ústí nad Labem-město

Česká republika

IČ : 44555601

DIČ : CZ44555601

Platební údaje

Způsob platby: Bankovním převodem

Požadovaná záloha: 0,00

Splatnosti dní: 30

Měna: CZK

Obchodní údaje

Doba dodání (týdny): 10

Záruční lhůta (měsíce): 24

Zařízení pro sorpci reakčních produktů CS Clean

Č.	Katalog	Popis	Počet MJ	Cena bez DPH
1.		<p>CLEANSORB Stand-Alone CS025SA</p> <p>Dry bed chemisorber waste gas treatment system for CLEANSORB CC025SA absorber column. To be installed in a protective enclosure or otherwise in compliance with the customer's own Risk Assessment and corresponding safety standards.</p> <p>Max. total volumetric flowrate: 70 slm Pressure drop at max. volumetric flow: < 500 Pa</p> <p>Important! The CLEANSORB column is not a pressure vessel and is approved for use on scrubbing applications up to a maximum of 100 mbar gauge pressure. When used as a stand-alone column, the user must ensure adequate protection against unexpected pressure build-up (e.g. a pressure relief line). Furthermore, it is strongly recommended that the absorber column be housed in an air-extracted steel housing. Protective cabinets are available as accessories for stand-alone CLEANSORB columns. Failure to make provision for upstream pressure relief or adequate protective housing may create a mechanical, toxic or fire hazard!</p> <p>Refer to our Product Information sheets for more detailed information on dimensions, weights, facilities connections and specifications.</p> <p>Cabinet without electronics for CS025SA Powder-coated steel cabinet as air-extractable enclosure for the absorber column. Key-lockable front-side door. Header connection and air intake vent for cabinet extraction. Bolt-holes for anchoring. Rear-wall mounted bracket with strap to secure column. Including internal stainless steel pipework to connect column to cabinet inlet and outlet. Inlet / outlet connection to cabinet via external flanges (DN25 ISO-KF). Cabinet does not include monitoring devices or protection against over-pressure!</p>	1,0 ks	452 900,00

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Without External Color Indicator

Stand-Alone Endpoint Detector

Bionics observer gas detection unit, suitable for wall-mounting in the vicinity of CLEANSORB column, or on roof of CLEANSORB cabinet.

Electrochemical gas sensor to indicate when the column has reached its capacity endpoint based on detection of gas breakthrough at column outlet. Integrated pump for gas sampling and suction draw to gas sensor.

Dimensions: 209 mmH x 110 mmW x 179 mmD

Integrated Safety Pressure Switch (for configuration with cabinet)

Maximum pressure limiting switch with adjustable switch-point. Mounted within cabinet enclosure with signal cable not connected. Sensor is specified at safety reliability level SIL2 for prevention of dangerous pressure build-up.

Zone category: Ex II 2G Ex d e IIC T6 Gb

Protection Class: IP65

Compliant with IEC 61508-2, SIL2

Range: 0.2...2.5 bar (Switching set-point 0.3 bar)

Pressure connection: G1/2 external thread

Ambient temperature: -25...+60 °C

(max. gas temperature: 60 °C)

Documentation in English

Operating manual provided in English language

Commissioning by end user

Start-up and check-out of system to be carried out by the end user.

Note: This option requires written authorization of manufacturer!

System shipped with absorber column

Crated absorber column to be shipped with CLEANSORB system

Column filling by CSAG

Absorber column to be filled by manufacturer in accordance with customer process data prior to shipping. A filling surcharge applies.

2.	CLEANSORB Column CC025SA	1,0 ks	0,00
	<p>Refillable absorber column and ADR-authorized transport vessel with UN code number. Constructed from corrosion-resistant 316L stainless steel. Ø 250mm, incorporating:</p> <ul style="list-style-type: none"> - Integrated ball valves at column inlet and outlet, DN40 ISO-KF - Hand lever tool for opening and closing of ball valves - Swagelok® Quick Connect port, Ø 3mm, for gas sampling at column outlet. 		
3.	Absorber configuration in accordance with	1,0 ks	0,00
	<p>Intended Use and Specifications: The column filling is configured to absorb exhaust gas from a Sentech SI500 Etch tool. Gas concentrations at the column outlet to remain below the following values until the end of chemisorbent capacity or lifetime*: F2 (Fluorine) < 1 ppm</p>		

NABÍDKA VYDANÁ NAB-20210140

Č.	Katalog	Popis	Počet MJ	Cena bez DPH
		<p>HF (Hydrogen fluoride) < 1 ppm [C4F8,CHF3,N2O,SF6,Ar,N2,O2] **</p> <p>* Column refill and maintenance by authorized service partner at intervals which are not to exceed 24 months.</p> <p>** Species shown in brackets are permitted, though not retained by the column.</p> <p>Incompatible gas mixtures which could pose a safety hazard (e.g. combustible and oxidizing gases) are not permitted at the system inlet and should be diluted to a safe concentration if necessary.</p> <p>Unless otherwise specified, the maximum permitted inlet concentration for the sum of all gases is 2 % of the total volumetric flow.</p> <p>A maximum inlet concentration of 1 vol. % applies to the following gases:</p> <p>F2 (Fluorine)</p> <p>A maximum inlet concentration of 4 vol. % applies to the following gases:</p> <p>HF (Hydrogen fluoride)</p> <p>System specifications are based on review and approval of the process data which you submitted to us electronically on 19.03.2021.</p> <p>Any alterations to the process conditions - also during future use of the CLEANORB system – must be communicated to us so that we can review and update the system configuration as necessary. Incompatible gas mixtures which could pose a safety hazard (e.g. combustible and oxidizing gases) are not permitted at the system inlet and should be diluted to a safe concentration if necessary</p>		

4.	Dopravné a balné		1,0	6 520,00
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Cena celkem bez DPH **459 420,00 CZK**

DPH	96 478,20 CZK
Cena celkem s DPH (bez volitelného příslušenství)	555 898,20 CZK