PRODUCT DATASHEET

Vacuum Dealcoholisation Skid

Low-temperature vacuum distillation with aroma recovery, below 0.5% ABV

Product page





Close-up: vacuum distillation column

OVERVIEW

The Tech Inc. Vacuum Dealcoholisation Skid removes alcohol from beer, wine, cider and kombucha by distilling it under vacuum at low temperature, so the drink is not cooked. Aroma compounds are captured first and blended back, and the product leaves below 0.5% ABV.

TYPICAL DESIGN DATA

Product	Below 0.5% ABV, lower on request
Process temperature	Low, under vacuum, set per product
Materials	316L sanitary construction
Codes and standards	Hygienic design to EHEDG and 3-A principles; pressure parts to PED or ASME VIII
Cleaning	CIP connections and spray devices
Utilities	Chilled water, hot water or steam, compressed air
Control	PLC with recipes and inline alcohol measurement

MODELS AND CAPACITIES

- **TI-DAS-200** – about 200 L/h
- **TI-DAS-500** – about 500 L/h
- **TI-DAS-1000** – about 1,000 L/h
- **TI-DAS-3000** – about 3,000 L/h
- **TI-DAS-6000** – about 6,000 L/h

Indicative feed rates.

ORDERING CODE

Example **TI-DAS-1000-C-A**: **1000** feed rate, L/h; **C** mode: B batch, C continuous; **A** options: A aroma recovery, R recarbonation, P pilot.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual.
Options: recarbonation; alcohol recovery; pilot unit for recipe trials; batch or continuous operation; CIP skid.

KEY ADVANTAGES

- **Gentle** – low temperature under vacuum
- **Below 0.5% ABV** – inline alcohol measurement
- **Keeps the taste** – aroma recovered and blended back
- **Hygienic** – 316L sanitary build, CIP-ready

How to cite: Vacuum Dealcoholisation Skid (model TI-DAS; Tech Inc., Vaughan, Ontario, Canada). www.techincresearch.com/product-page/dealcoholisation-skid

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