



ADD-ON

MIXED PRODUCTS / BLENDING

SYSTEM DESCRIPTION

Mixed products are an important part of the special gas business. The CRYO.TAS mixed products add-on has been specifically developed to monitor the production, quality inspection and recipe administration for mixed products.

The add-on module provides the operator with a simple tool for administration of such products. In connection with a loading point with dosage function, CRYO.TAS will automatically calculate the respective loading volumes via the mixing recipe and the vehicle container data and determine whether re-dosage is required or not based on the analysis results.

CRYO.TAS reviews availability of mixed products by analysis of the basic components in the storage tanks. Together with the already-integrated system functions, the add-on module will give you the option of specifying the loading process, the order of dosage, in a recipe and administrate it in the system. You may assign mixed products to your customer administration as usual,

generate acceptance test certificates and balance the loaded volumes.

Use the advantages of our expansion modules and increase your turnover at higher quality and lower time expenditure, as well as under compliance with all safety aspects.

BENEFITS

- Central recipe administration of the mixed products within a system
- Product blending with all individual products available in the system
- Monitoring of the product quality of the mixed product
- Freely adjustable deviation from the target content for every single component
- High dosage accuracy
- Quality balancing of the mixed products and the individual components
- Automatic control of the loading order of mixed products
- Calculation of the dosage volumes under consideration of the maximum possible payload for a vehicle
- Assignment of the mixed products to customer cycle administration
- Generation of acceptance test certificates

TECHNICAL DATA

CONDITIONS

- Applicable from Version 6.x CRYO.TAS and database version 6.x
- Can be used in central - or local plant installations
- Only usable in combination with loading control module
- Loading places with dosage line required (addition filling line with flow device)
- Analysis system with devices for content measurement of the used components

LICENSE

- Available as an add-on license to an existing CRYO.TAS license

The screenshot shows the CRYO.TAS Mixed products management interface. The top navigation bar includes the CRYO.TAS logo, user information (Wolfgang), and system details (CryoTAS Master System, Sysadmin). A left sidebar contains a 'Cockpit' menu with categories like Administration, Logistics, Quality Control, and QP Control. The main content area features a table of mixed products and a detailed view of a selected product's components.

#	List name	Product number	Product group	Pre-analysis	Medical	Mixed product	Modified	Editor
1	igon O8	0602	gen	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	29/03/2012	C ard
2	igon O6	1234	gen	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	21/02/2012	C ard
3	igon O4	5490	gen	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	24/02/2012	C ard
4	igon O12	6508	gen	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	21/02/2012	C ard

#	Component	Target content	Minimum content	Maximum content	Unit	Order no.	Modified	Editor
1	LOX 2,5	96.00	95.50	96.50	vol. %	1	08/09/2015	E ang
2	LAR 4-6	4.00	3.50	4.50	vol. %	2	08/09/2015	E ang

Component: LOX 2,5
Target content: * 96.00
Minimum content: * 95.50
Maximum content: * 96.50
Measuring unit: vol. %
Order no.: * 1
Modified date: 08/09/2015 15:38:59
edited by: Bau

Buttons: New, Edit, Delete

Footer: V 6.4.0.0 Enterprise ©2015 support.cryotas@iwb-engineering.de

Fig.: Frontend page mixed products

FURTHER ADD-ON MODULES

- ERP Interface
Interfaces with other ERP or PPS systems
- Customer WEB Interface
Enable your customers to place their orders right in the CRYO.TAS system and process them online
- Third-party administration
Fleets and carriers administrate their vehicles and drivers independently.
- Media Library
Save surveillance images or videos, or externally scanned documents, in a loading order.
- Mixed products / Blended Products
Generate recipes and monitor loading, dosage and quality of mixed products .
- Event Messaging
Define which persons are to be informed automatically by email dispatch based on events in the system.

CRYO.TAS MODULES OVERVIEW

	Entrance-control	ID-System	Filling Control	Analyzer Control	Scale System	Add-on Multi-Factory
Basic Single-Factory Line (1*)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)
Small Standard Edition (2*)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)
Medium Edition (3*)	(✓)	(✓)	(✓)	(✓)	(✓)	(✓)
Standard Edition	✓	✓	✓	✓	✓	(✓)
Enterprise Edition	✓	✓	✓	✓	✓	✓

(1*) includes 1 module
(2*) includes 2 modules
(3*) includes 3 modules

(✓) selectable module
✓ integrated module

Add-on (4*)	ERP-Interface (SAP/PPS et.)	Customer WEB-Interface	3rd-Party Administration	Media Library	Mixed Products	Multi-Factory
	Electronic Product Release	Event Messaging				

(4*) If not indicated add-on modules can be added to any version

CRYO.TAS THE OVERALL CONCEPT

Tank-Management

- Product availability monitoring
- Lock and unlock of products
- Batch creation
- Special functions for medical- and food-products
- Calculation of loaded quantities

Analysis

- Automated gas path switching
- Test equipment- and calibration gas monitoring
- Auto-calibration
- Locking and unlocking of test equipment
- Connectivity to a wide range of sample point types (e.g. pipeline)

Entrance

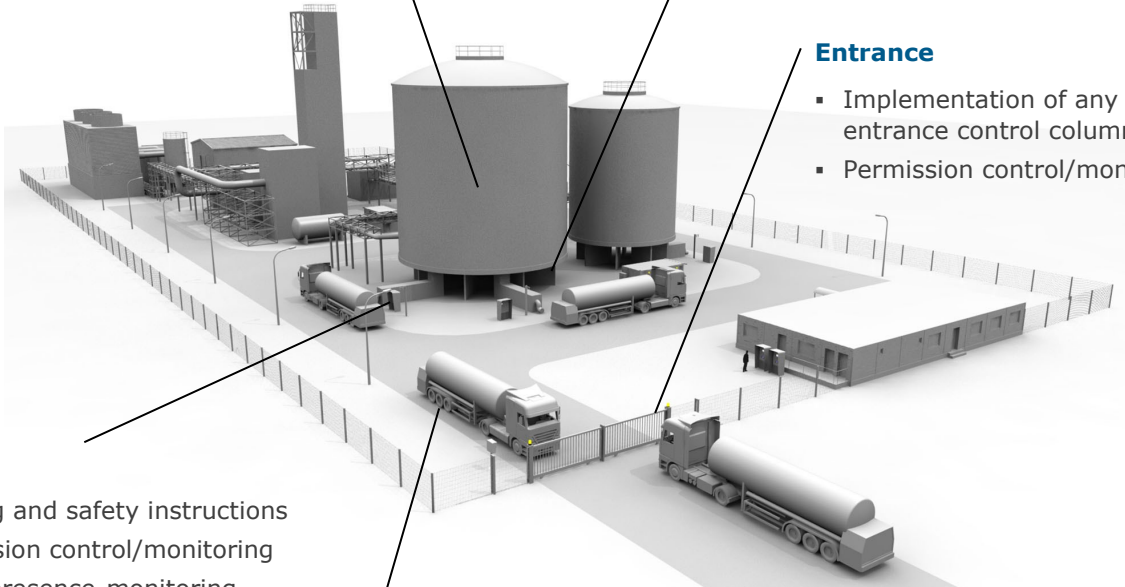
- Implementation of any number of entrance control columns
- Permission control/monitoring

Loading

- Loading and safety instructions
- Permission control/monitoring
- Force-presence-monitoring
- Quality assurance/analysis
- Blending functionality
- Off-loading
- Special functions for medical products
- Control of all field devices

SCALE.TAS

- Usage of any number of weigh bridges
- Free usage of entry- or exit weigh bridge, or both
- Creation of loading/transportation documents
- Quota control



INFORMATION

Would you like more information about the CRYO.TAS system? On the Internet you always get the latest information, or contact us directly. We are always ready to show you the performance of the system in a live presentation.

Simply contact:

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