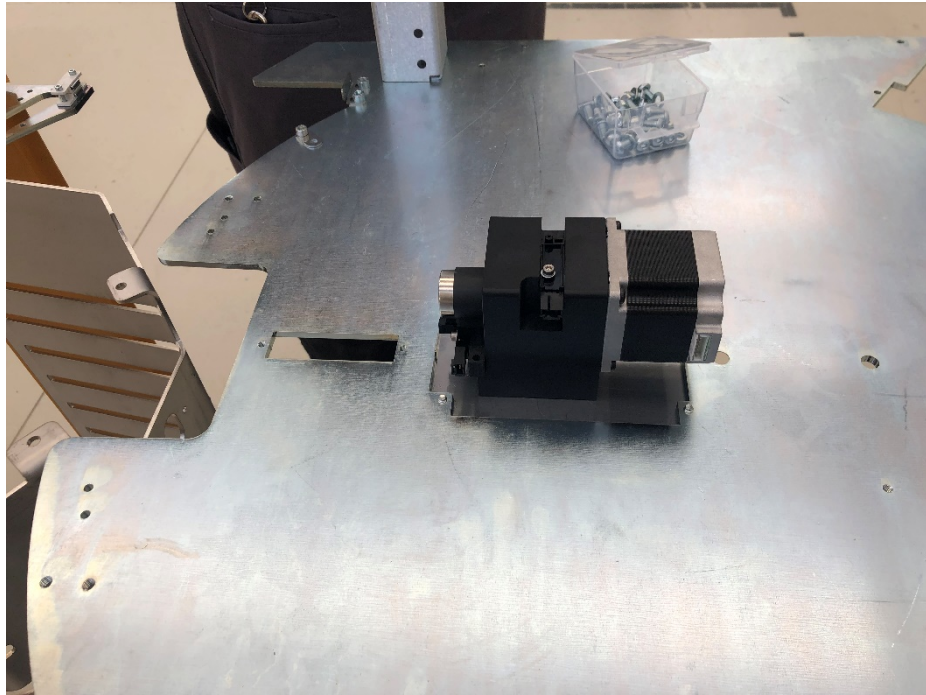


Thor

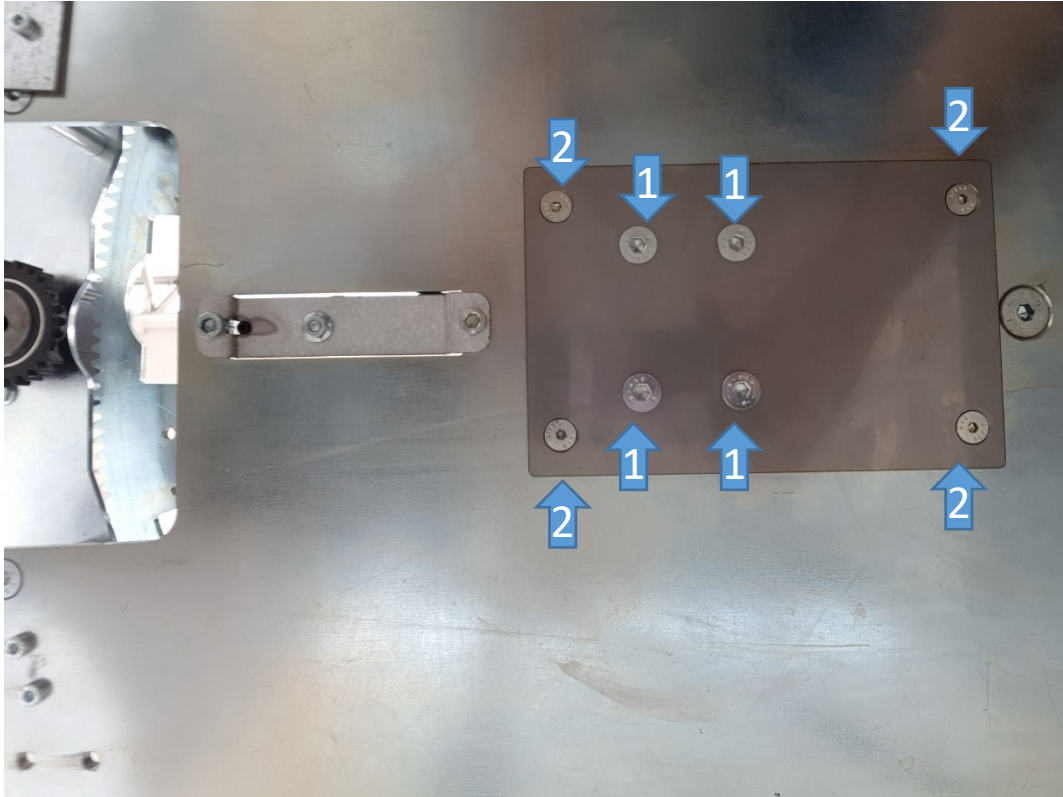
Part 2

Thor: Pump Motor



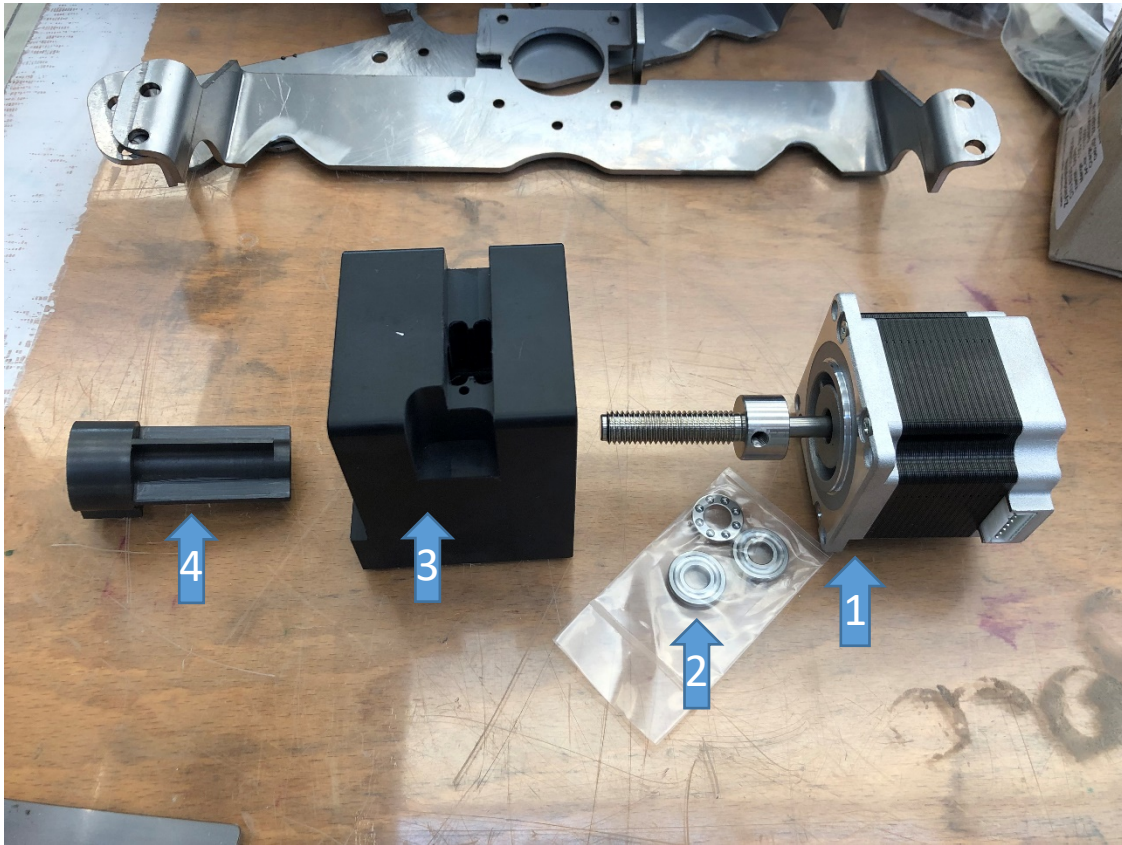
The motor that drives the coloring group is fixed in the center of the machine.

Thor



The motor is fixed to the support, which in turn is fixed to a sheet with 4 screws m5 (1), which is mounted on the machine at the bottom with 4 screws m4 (2).

Thor: Motor group coloring



- 1 • Stepper motor.
- 2 • Bearings
- 3 • Support
- 4 • Mother screw.

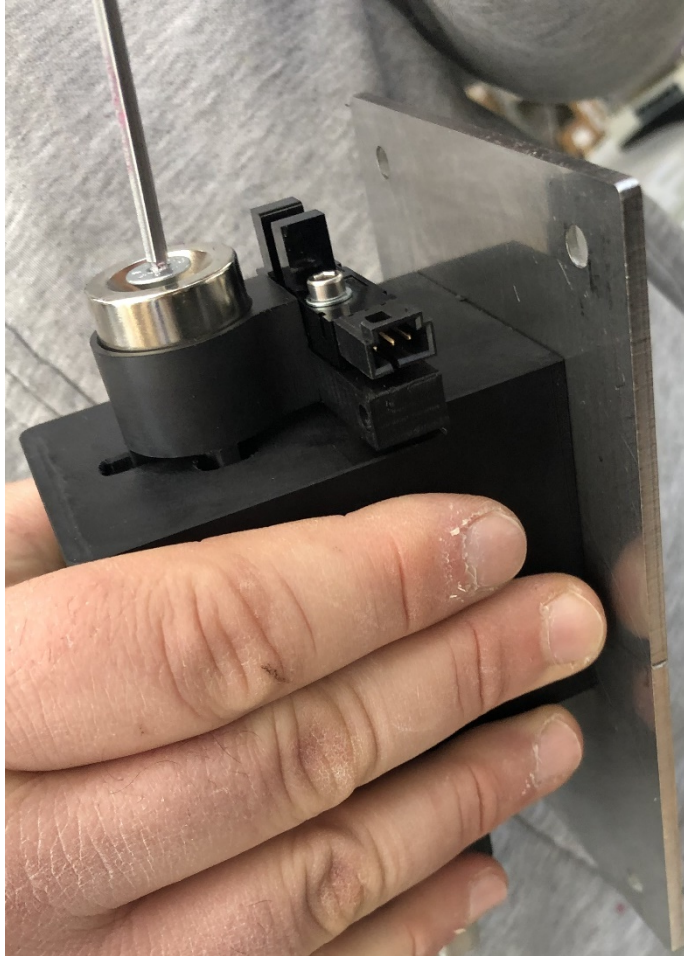
The motor is fixed with 4 Torx 4x18.

Thor



The support (1) of the photocell coupling is fixed on the mother screw with 2 allen 2.5m
And the photocell (2) with an allen of 2.5

Thor



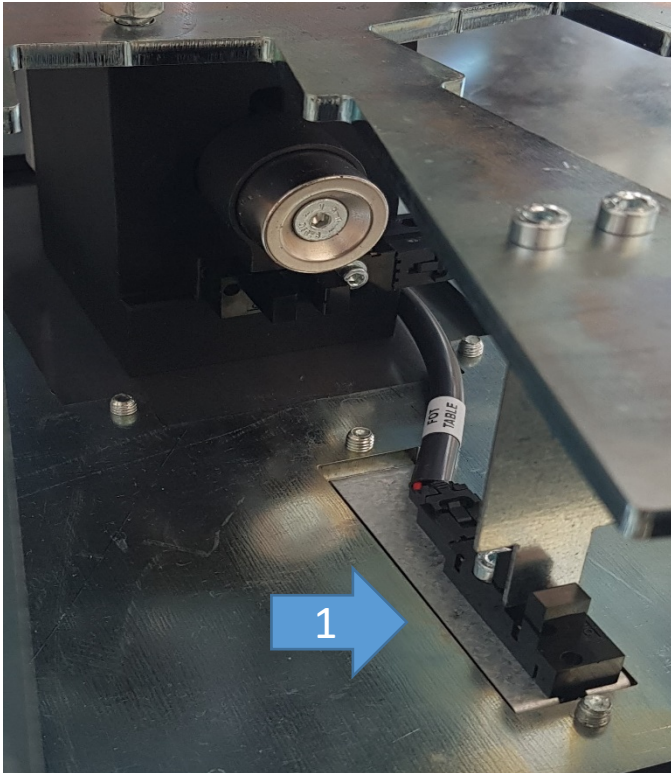
The magnet is fixed on the outside of the mother screw with an allen of m5.

Thor



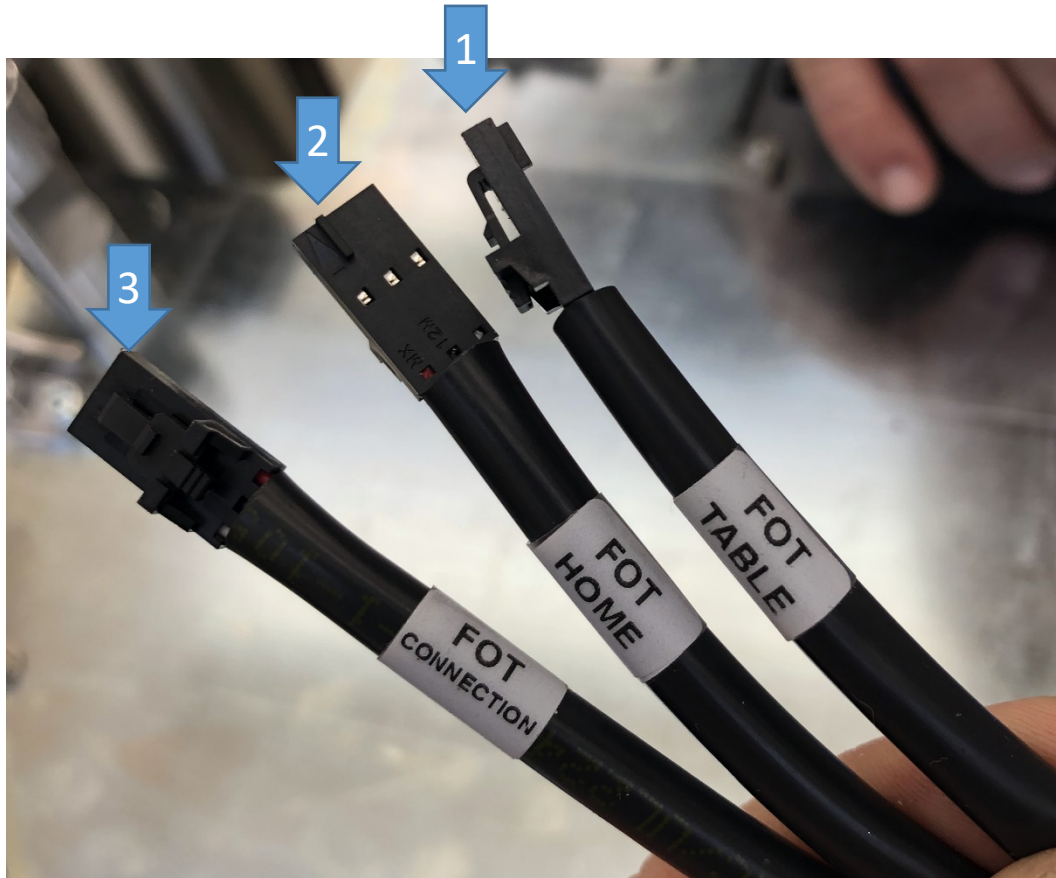
In the upper part the photocell (1) that counts the steps of the motor is fixed, with an allen 2.5m.

Thor: Photocell 0 (home)



The photocell (1) from the 0 position (home) is fixed to a sheet with an m3 allen, and mounted from the bottom on the chassis with two m4 allen.

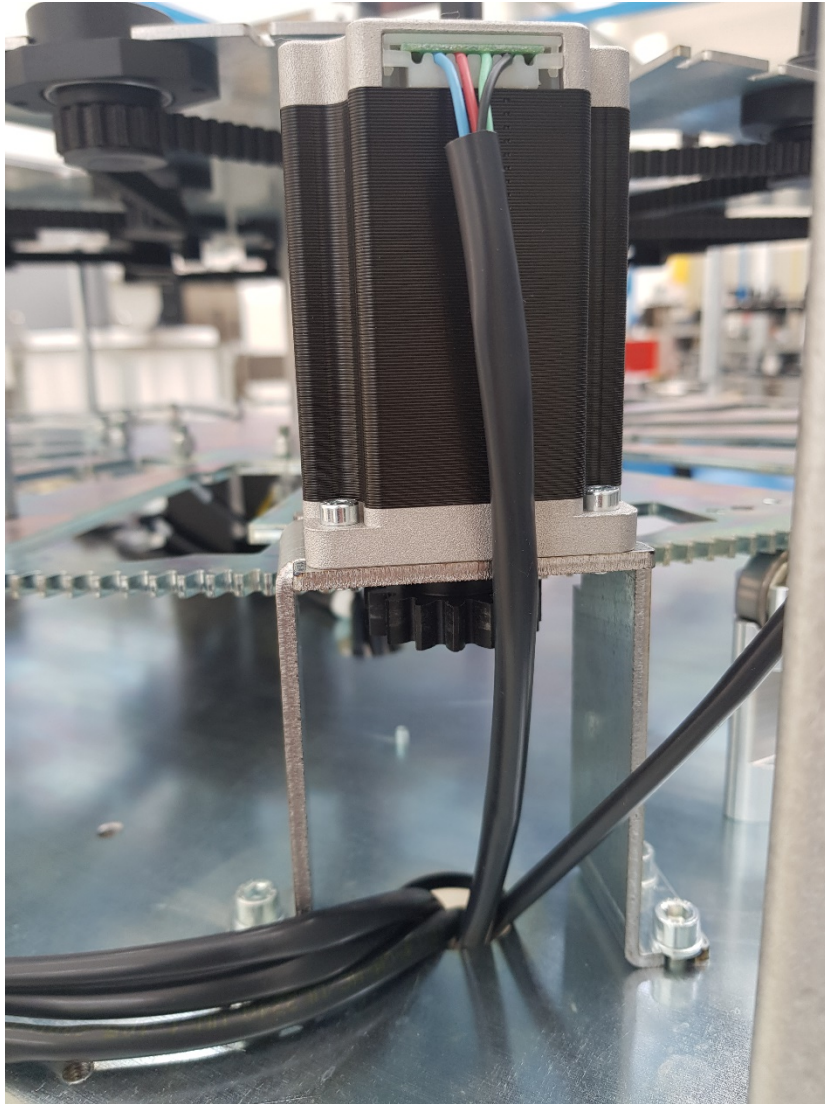
Thor



In this image are the three cables for the photocells.

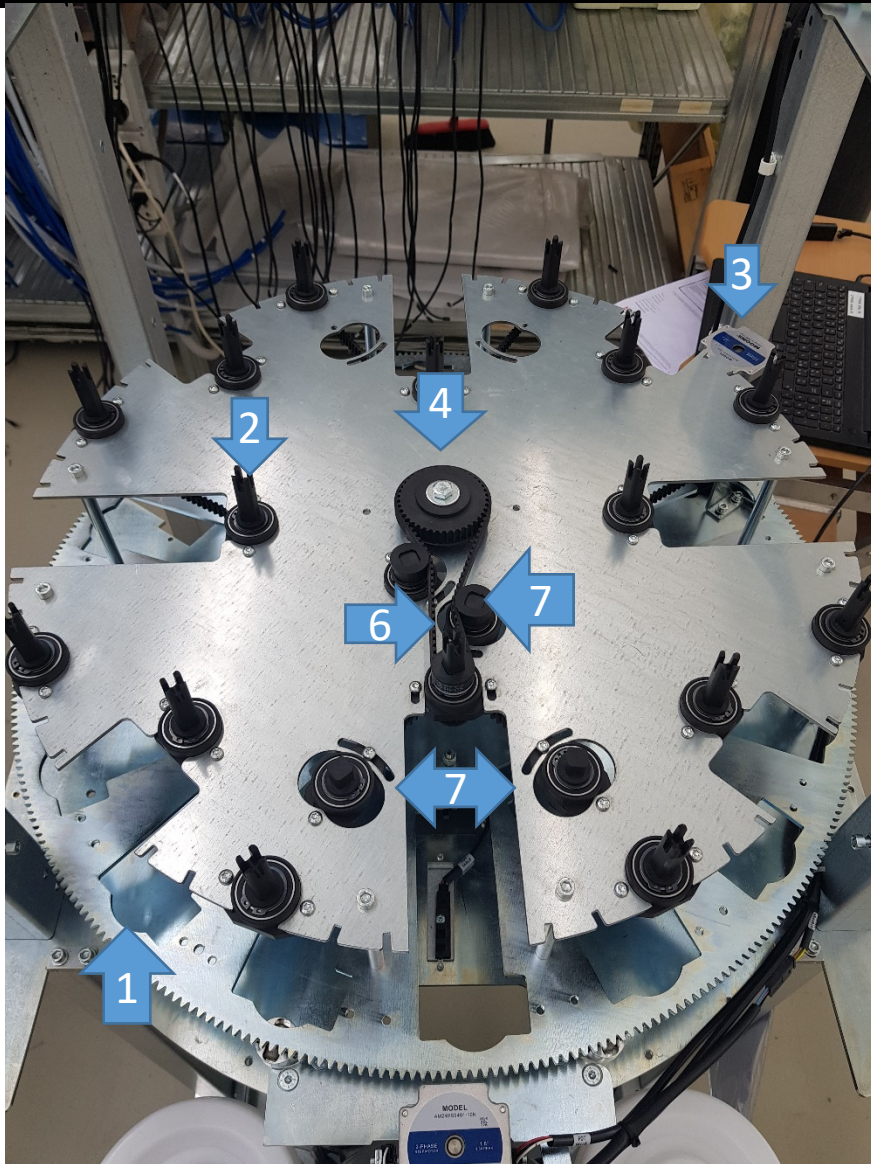
- 1 • Cable for the photocell of point 0 (Home) of the carousel.
- 2 • Cable for the photocell that counts the steps of the motor when dispensing. (Home)
- 3 • Cable for the photocell coupling with the pump. Cell phones.

Thor: Motor Carousel



The carousel motor has a gear that is attached to the shaft with two M4 studs.
The teeth of the gear are coupled to the toothed part of the carousel
It is fed at 48 volt

Thor: Carousel



Description

- 1 • Joint for coloring groups (16)
- 2 • Agitation coupling (16)
- 3 • Carousel motor
- 4 • Central drive shaft
- 5 • Central drive shaft
- 6 • Transmission belt
- 7 • Belt tensioning regulators

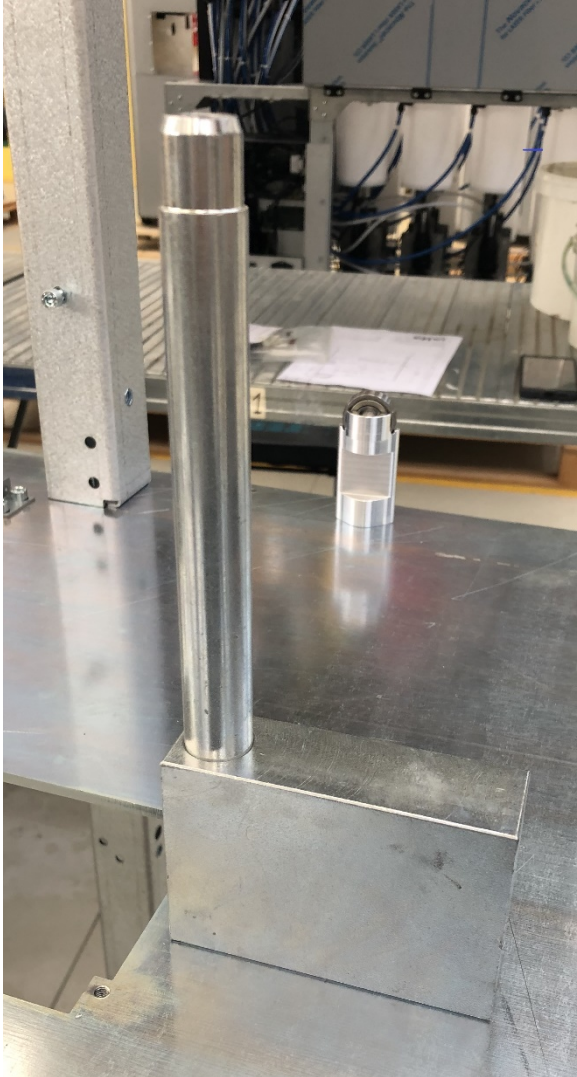
Thor



In the lower part of the central sheet we find the belt that makes the agitation couplings move. These 3 agitation couplings serve to tighten the belt. (Red)

Drive shaft (1) has two brackets on each side.

Thor



Bolt where the carousel is embedded.

Thor



In the central shaft is fixed a gear (1) and a belt that is connected to a stirring coupling, to regulate the tension of the belt the 3 movable tensioners are used.

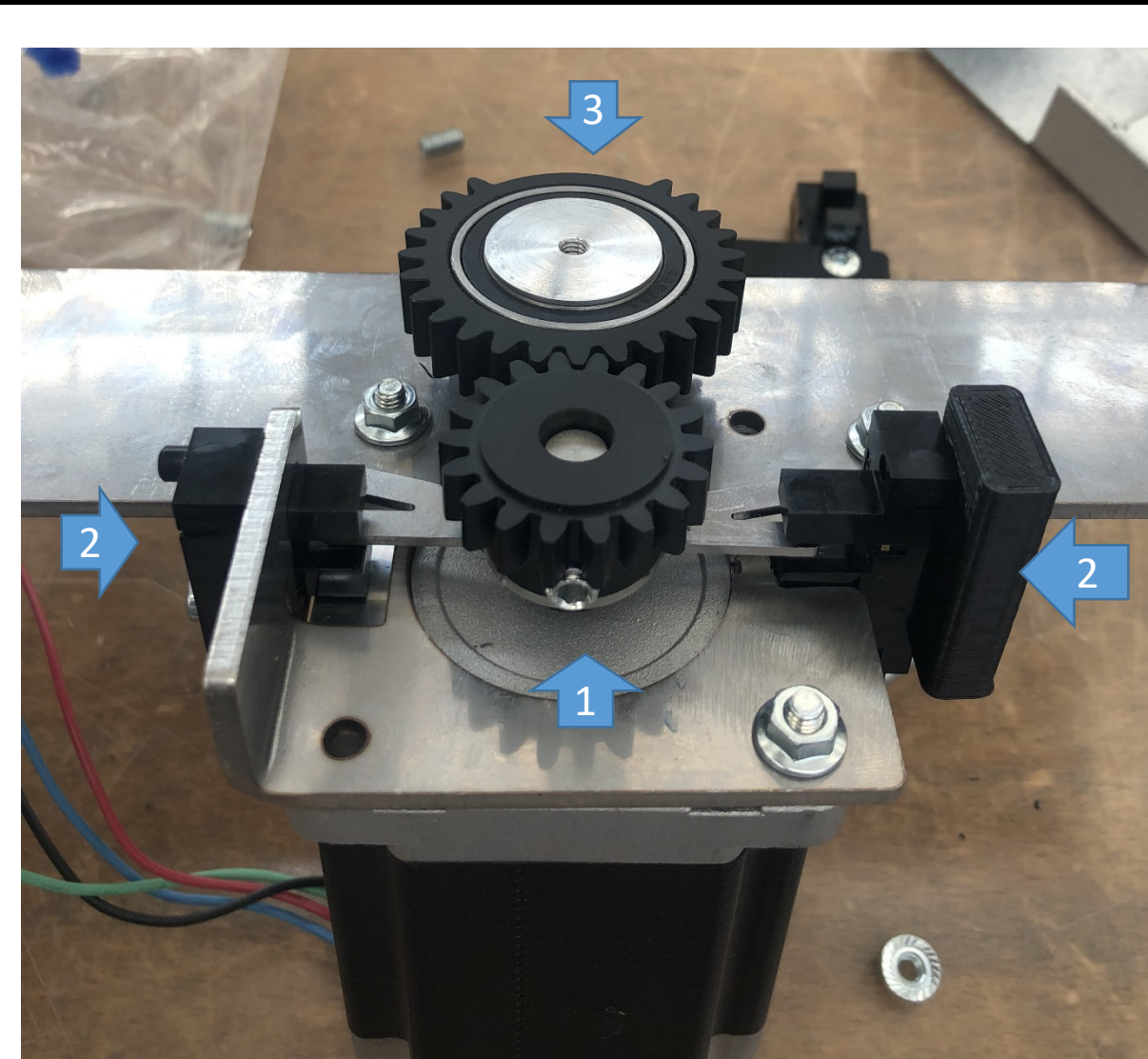
Tention also comes to the agitation belt.

Thor



Agitation coupling.
Inside has a bearing, fixed
with an elastic ring.

Thor:



The actuator has the pinion (1) fixed to the motor with two m4 studs (on the two flat parts of the shaft), two photocells (2) that count the movements.

A gear (3) that opens the valves, inside has a bearing, when changing a component always respect the initial position.
As in photo.

Thor

Coloring group

Thor: How to change a coloring group



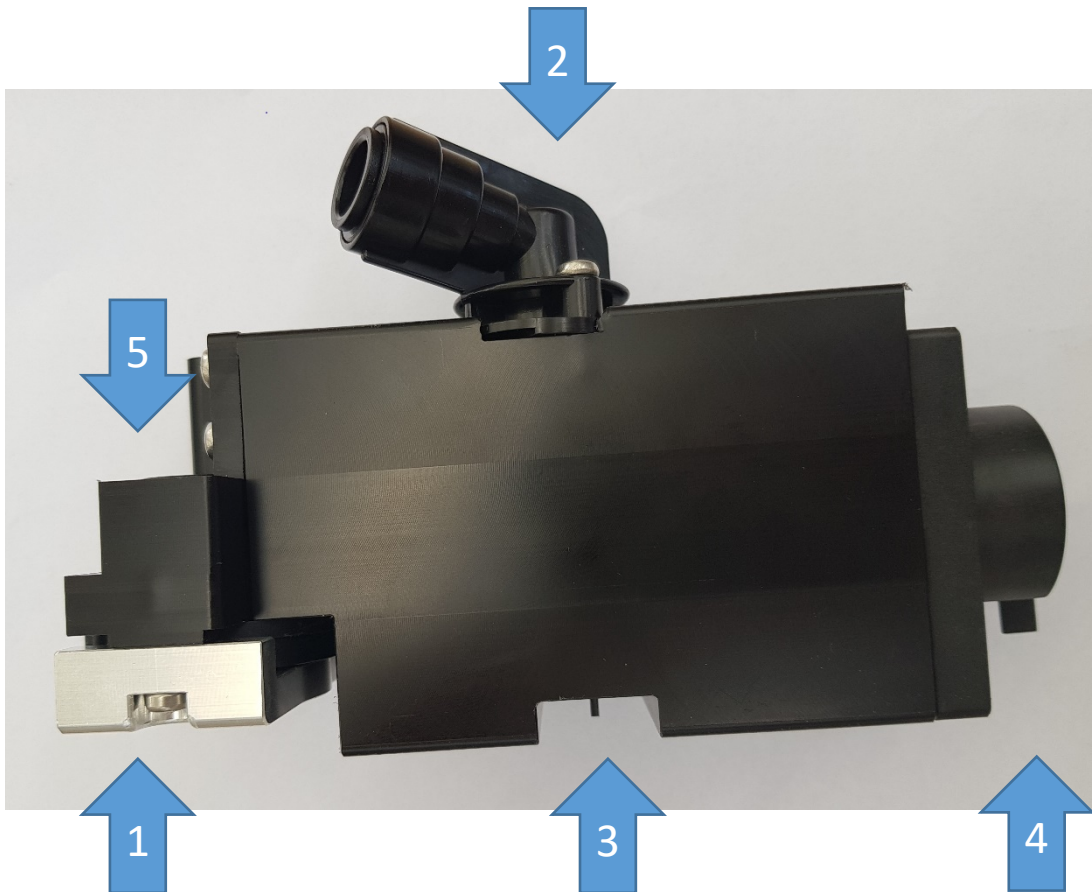
The coloring group is fixed with two 5x12 allen.

Thor



With a move out and up we unlock the group.

Thor: pump



Description:

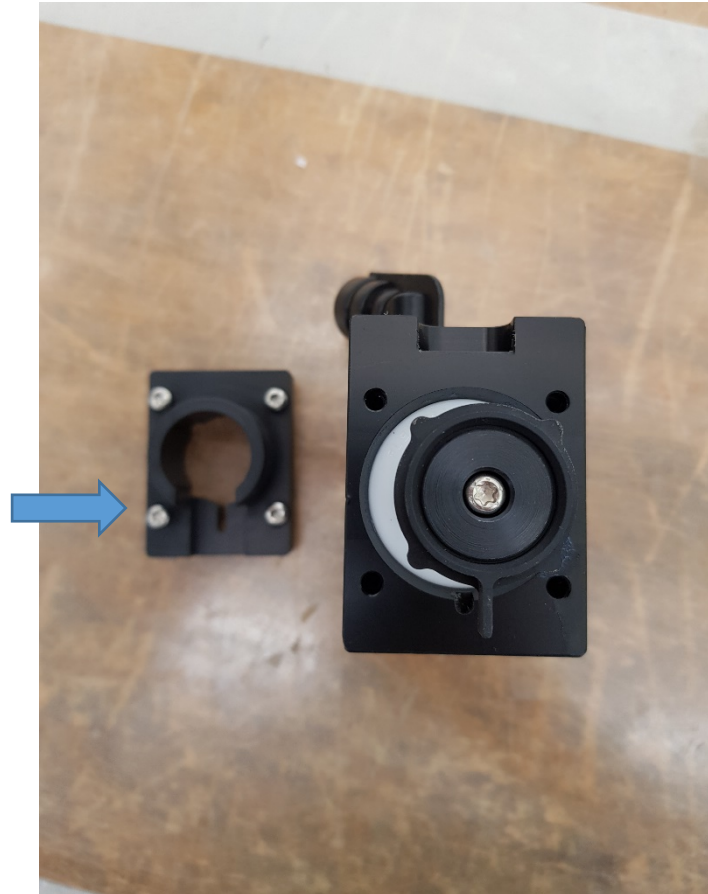
- 1 • Valve
- 2 • Suction
- 3 • Position flag
- 4 • Coupling flag
- 5 • Recircle

Thor



View of the part that is coupled with the motor of the pump, washer (1) of iron that sticks to the magnet that is in the mother screw.

Thor



By unscrewing the 4 Torx 4x18 screws, the bellows is accessed

Thor



Bellows with the piston
screwed

Thor



Piston with spring

Thor



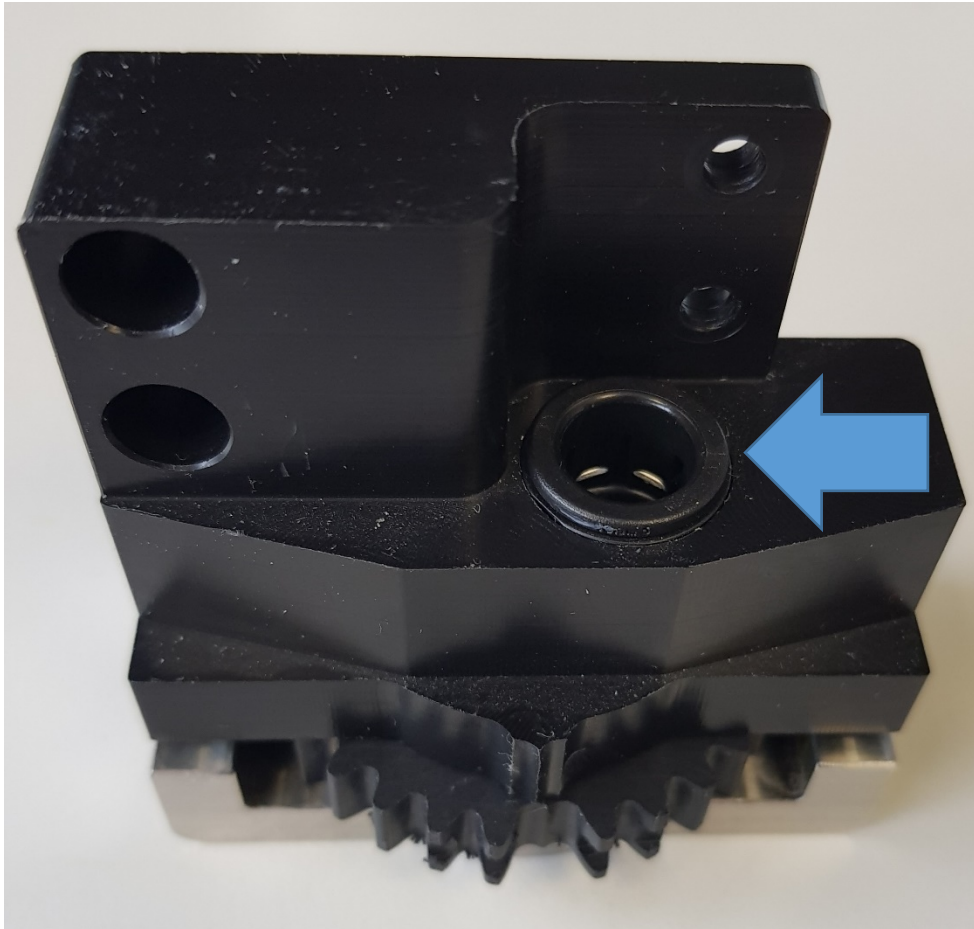
The particularity that large and small quantities can be made with this bellows: For large amounts of 0.038, use the entire route, for small amounts they will extend the bellows until they touch the bottom of the chamber and use only the smallest diameter part, reaching 0.0077.

Thor



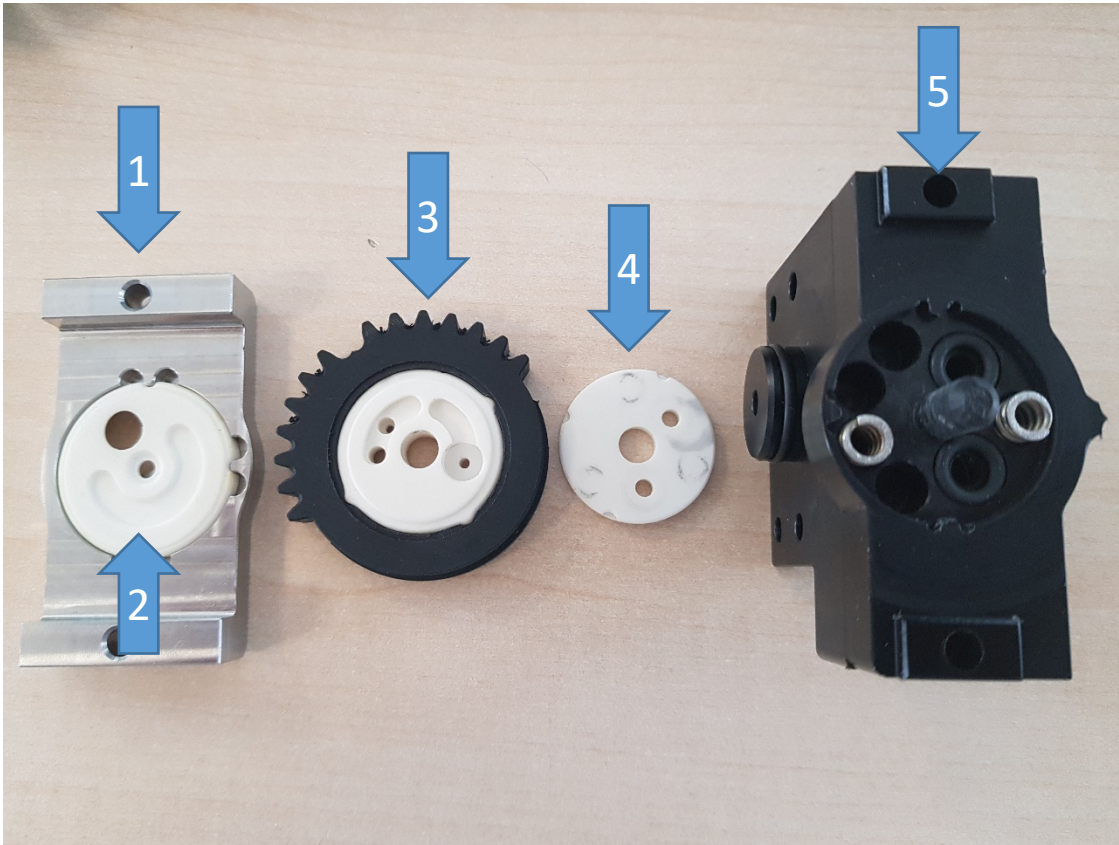
In the membrane valve there is a valve to membrane

Thor



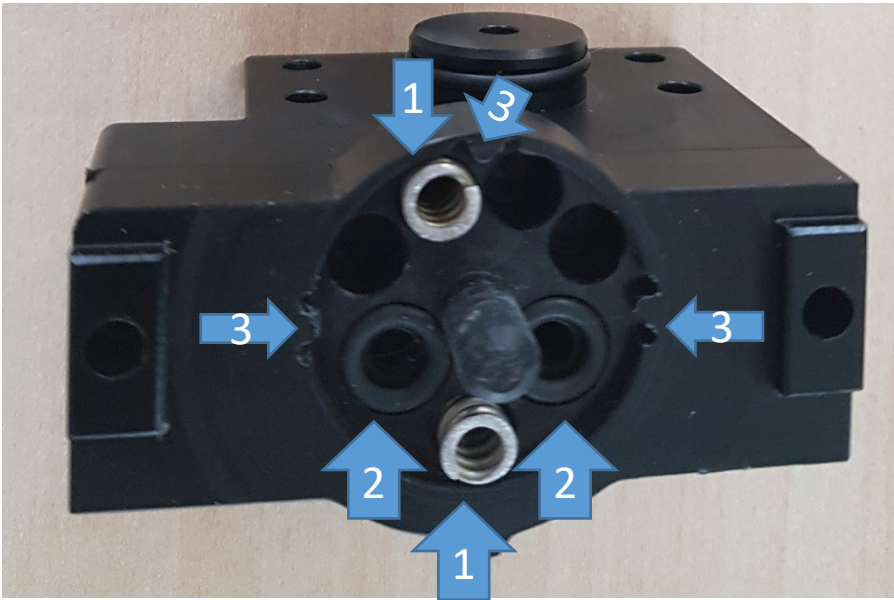
The dispensing valve has the recirculation orifice

Thor: Valve



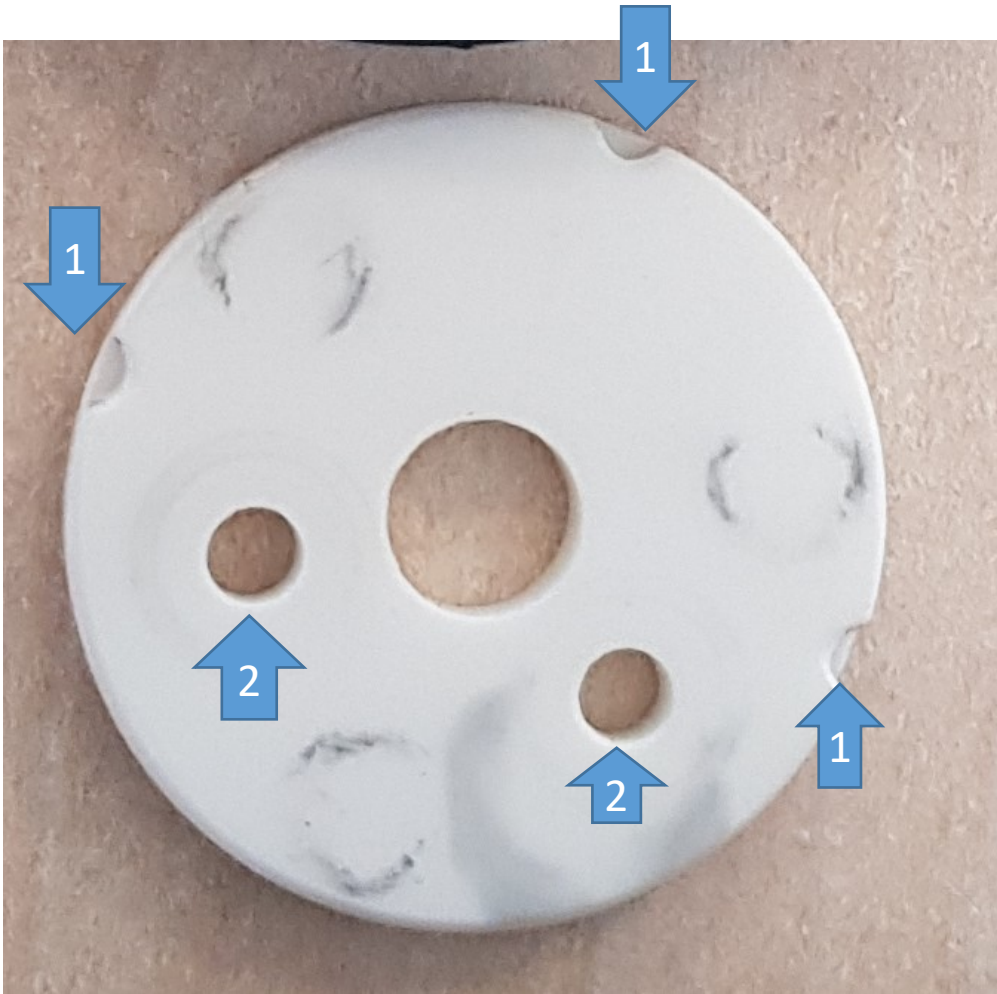
- 1 • Support to fix the ceramics to the body of the valve (2 torx 4x18).
- 2 • Fixed disk.
- 3 • Disc embedded in gear, with 2 holes: one dispensing and one recirculation.
- 4 • Fixed disc that fits into the valve body, with two holes one to dispense one for recirculation.
- 5 • Valve body.

Thor



In valve body we find two springs (1), the two o-rings (2) are placed where the product passes, the disc is embedded in pressure in three (3) points that do not allow it to move.

Thor



Disc that is embedded in the body of the valve.

1 • locking points.

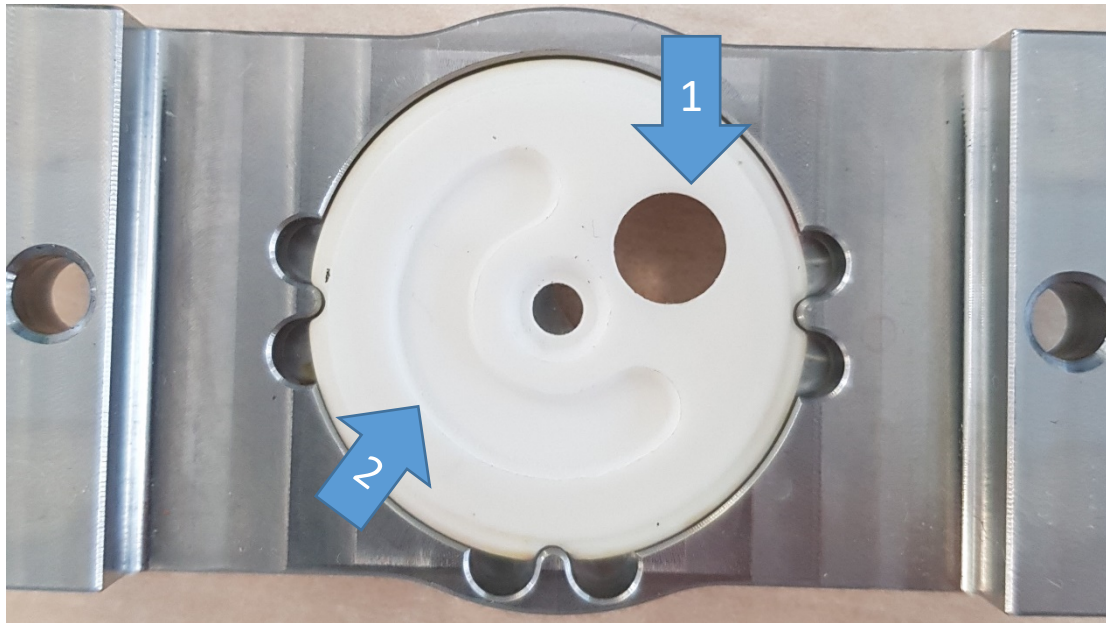
2 • holes where the o-rings are supported.

Thor



Disc embedded in the gear.
This disc moves in a clockwise direction to dose the small quantities (1) and counter-clockwise the large quantities (2), when this right (closed the valve) are two holes that serve to recirculate.

Thor



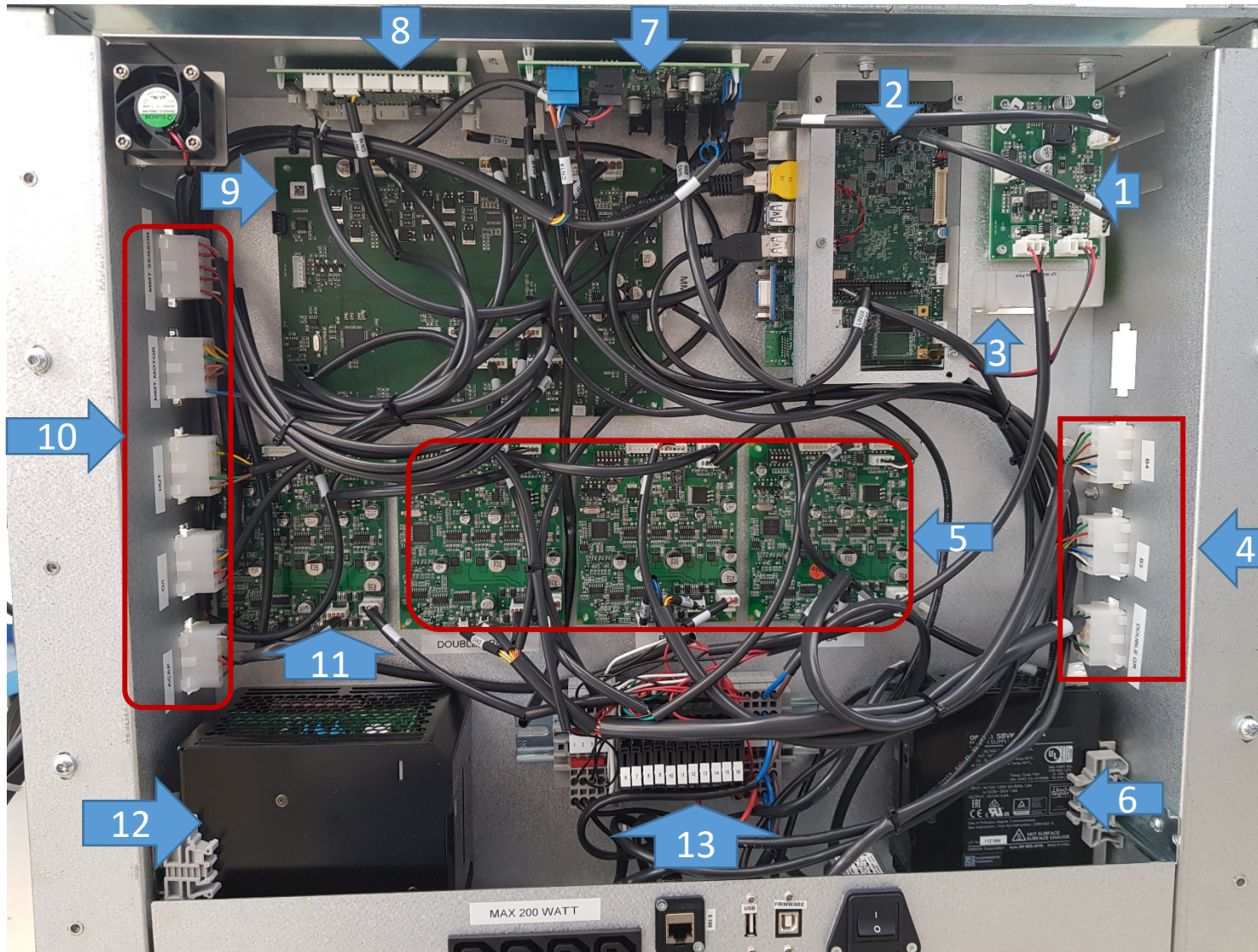
In this fixed disc has the dosing hole (1), and the channel (2) that when closed the valve serves to recirculate, by this system it is not necessary to purge this pump because the product is always in motion.

Thor

Electrical parts

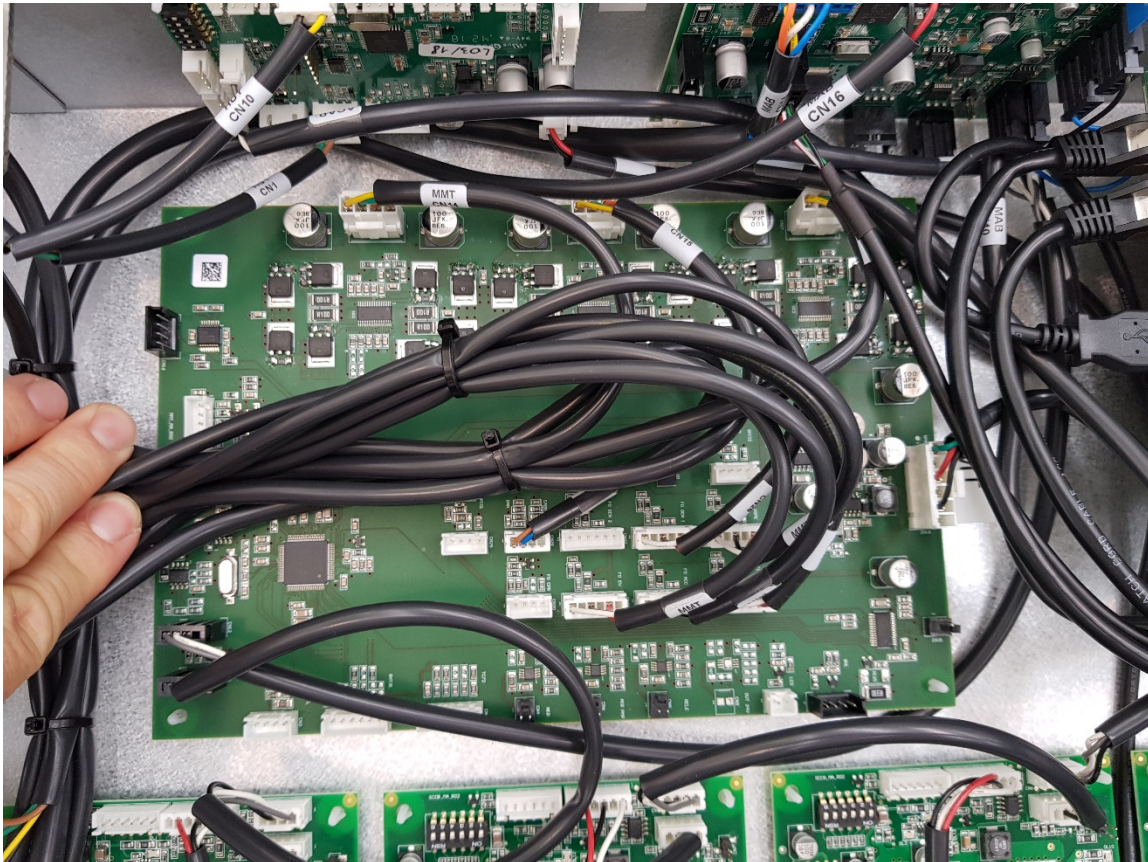
Thor: electric device

- 7 • MAB Card
- 8 • Humidifier
- 9 • Tinting Card
- 10 • Connectors photocells, motor, humidifier, pulsating, Autocap.
- 11 • Autocap card.
- 12 • 48 volt power supply
- 13 • Fuses.



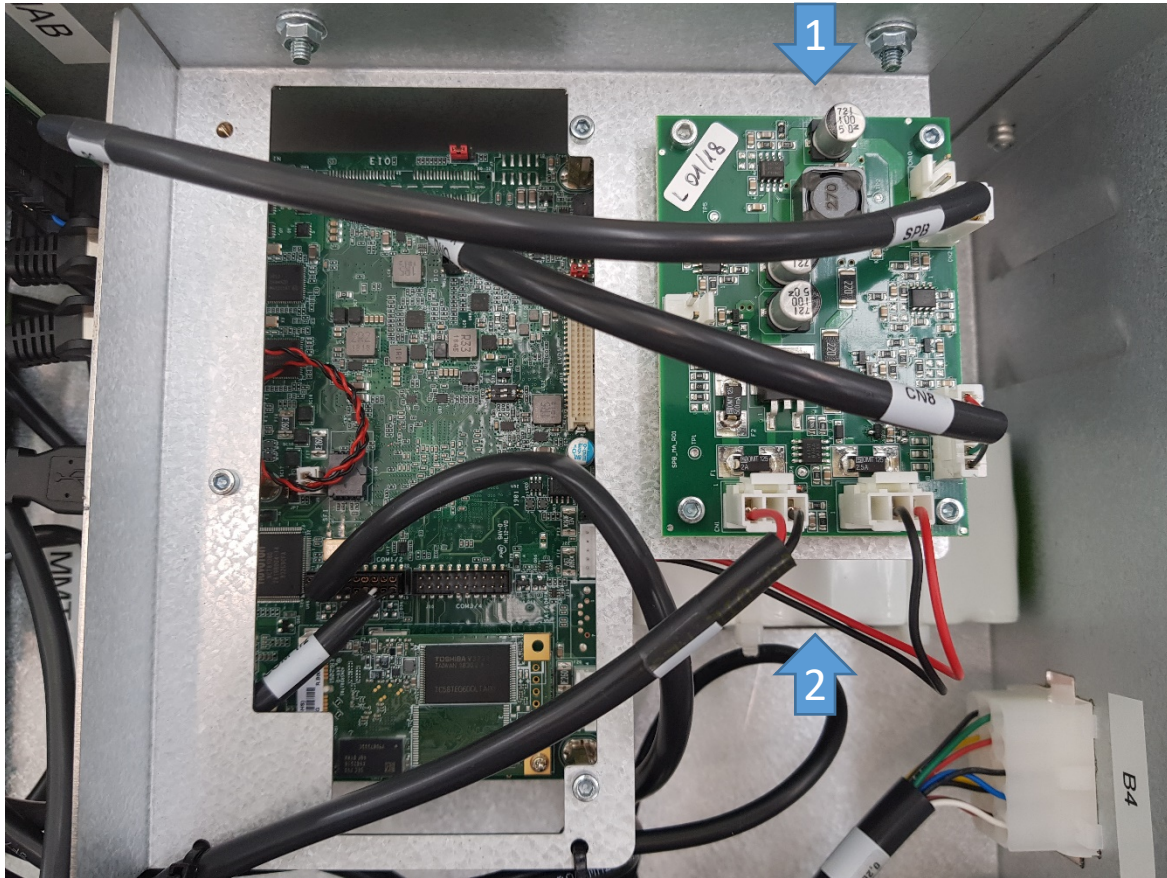
- 1 • SPB Card
- 2 • Linux Card
- 3 • Battery
- 4 • Base connectors.
- 5 • Base / semi-finished cards
- 6 • 24volt power supply.

Thor: Tinting card



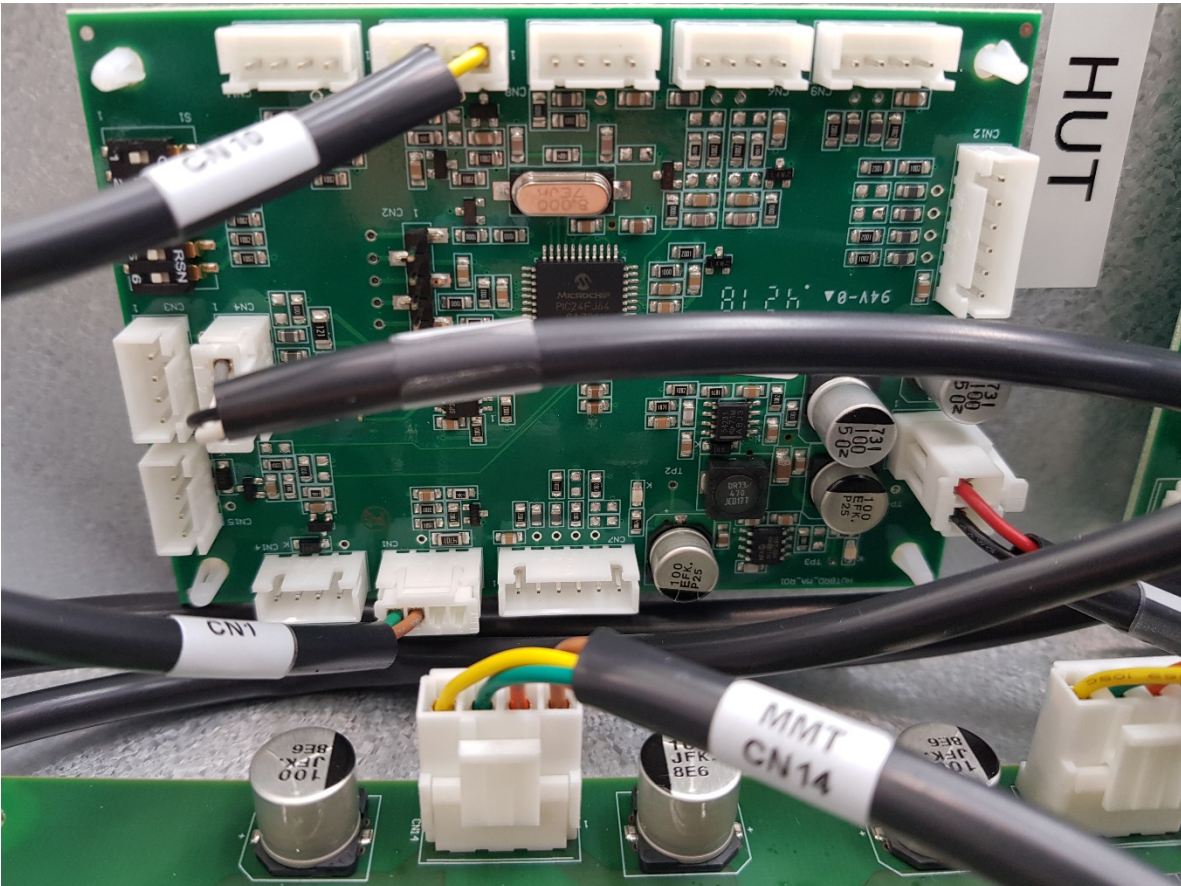
The following components are connected to the tinting card:
3 engines (carousel, pump, valve),
photocells, Autocap, base pumps.
And pass the information to the MAB.

Thor: SPB card



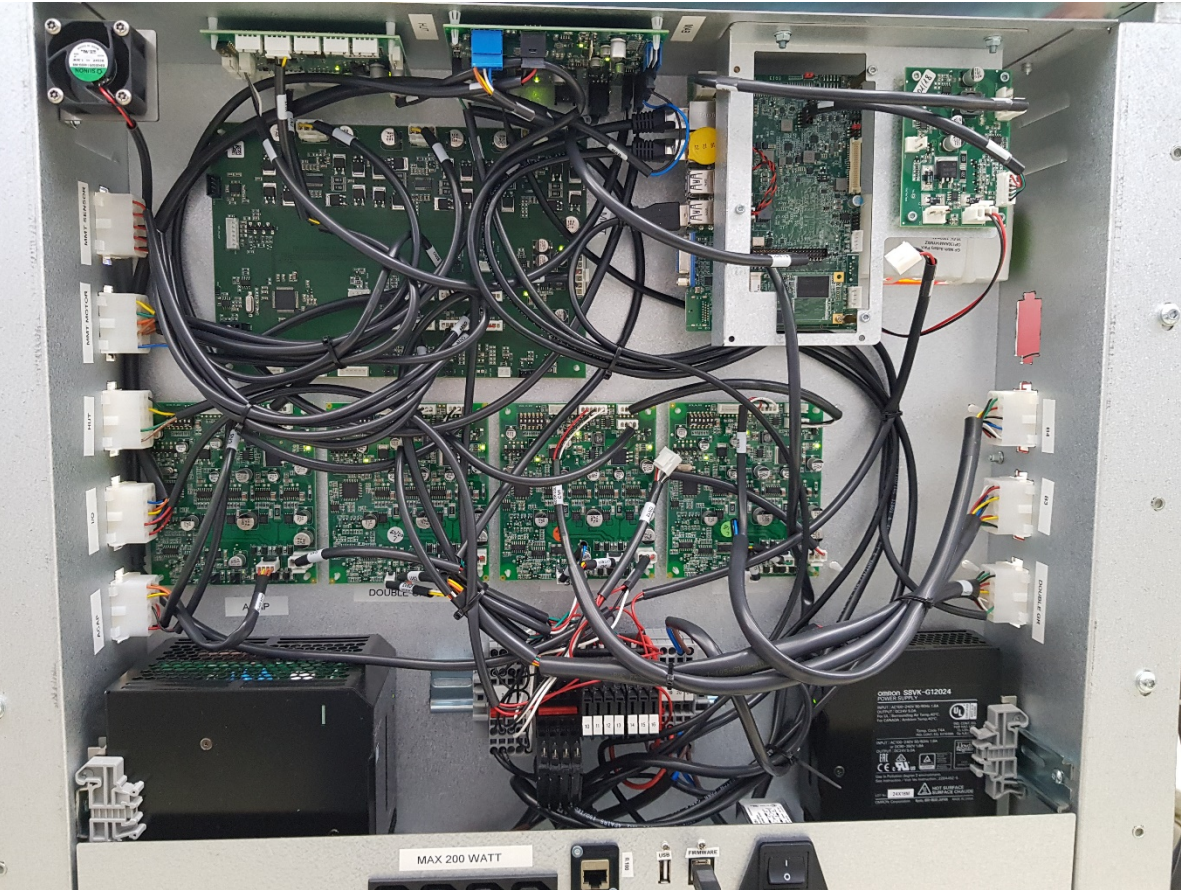
The SPB card (1) fulfills the function of once the machine is turned off to maintain it for about 10 seconds with power to avoid losing the data, the card is powered at 24 volt and with the batteries at 12 (2) volt it feeds the Linux card.

Thor: Humidifier card



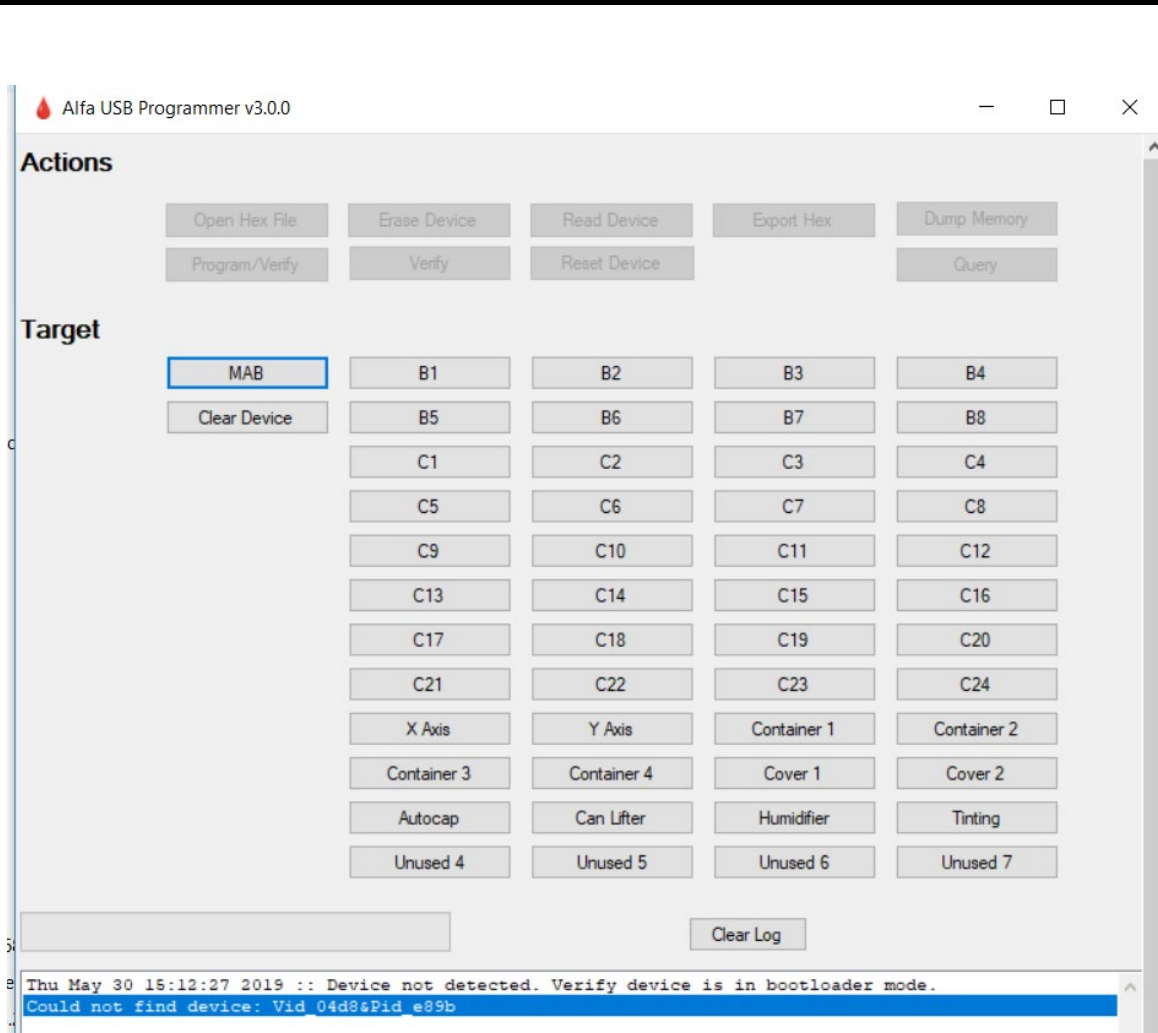
The Humidifier Card operates the humidifier

Thor:Programming



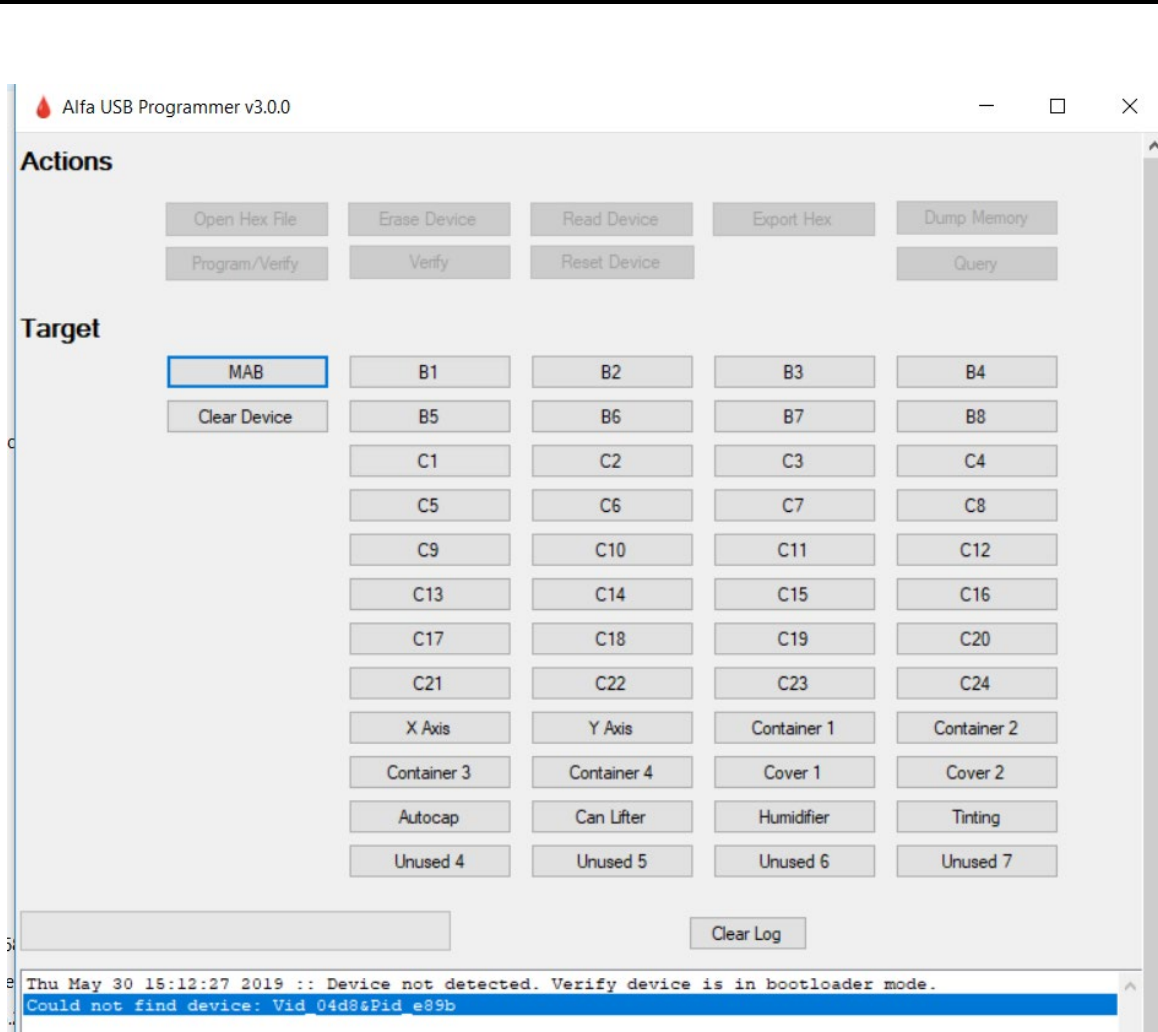
All cards already comes with the boot loader and firmware

Thor



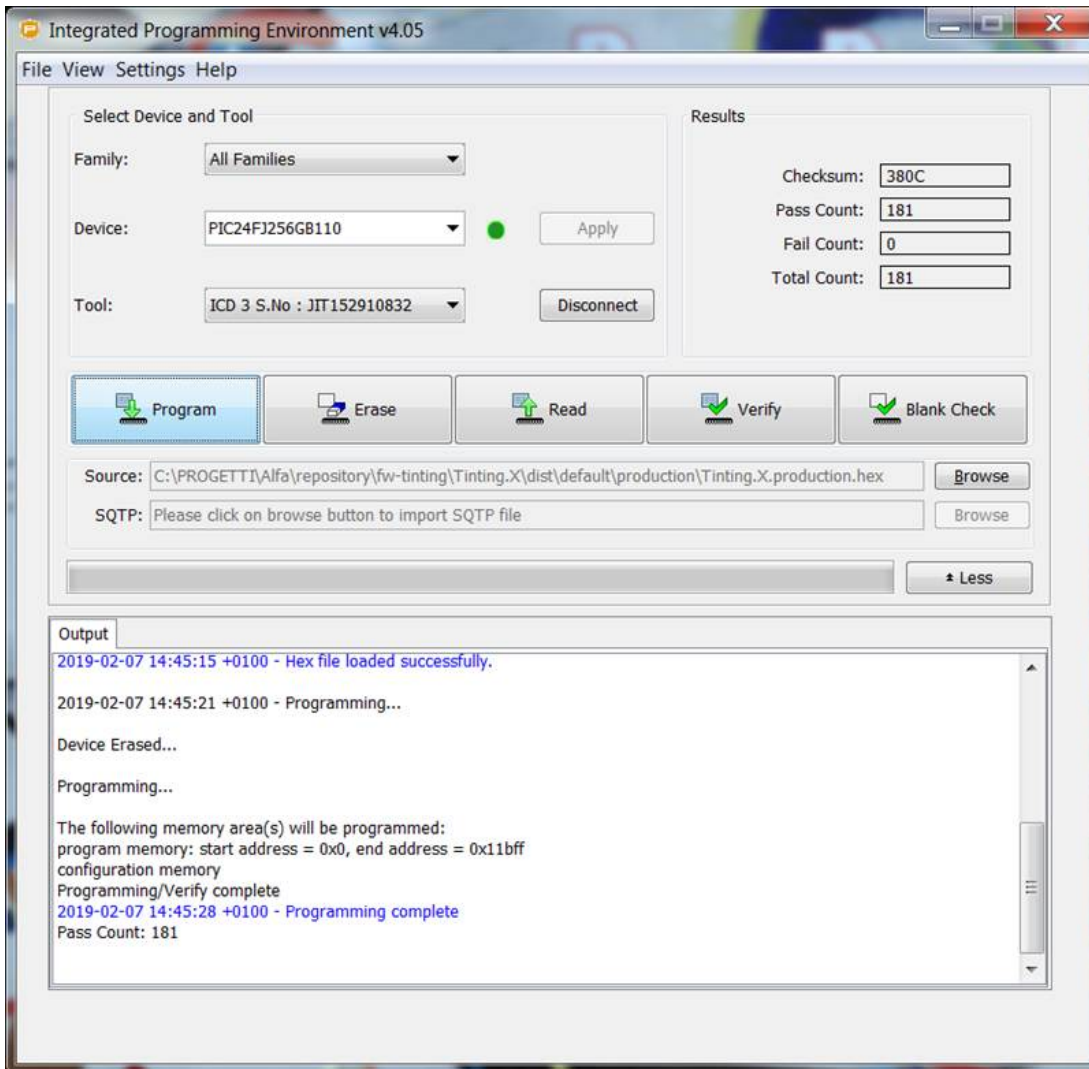
If the firmware needs to be updated, only the "Alfaboot loader app" program is used.

Thor



The program "Alpha Bootloader App" was modified by adding the cards:
Tinting
Humidifier

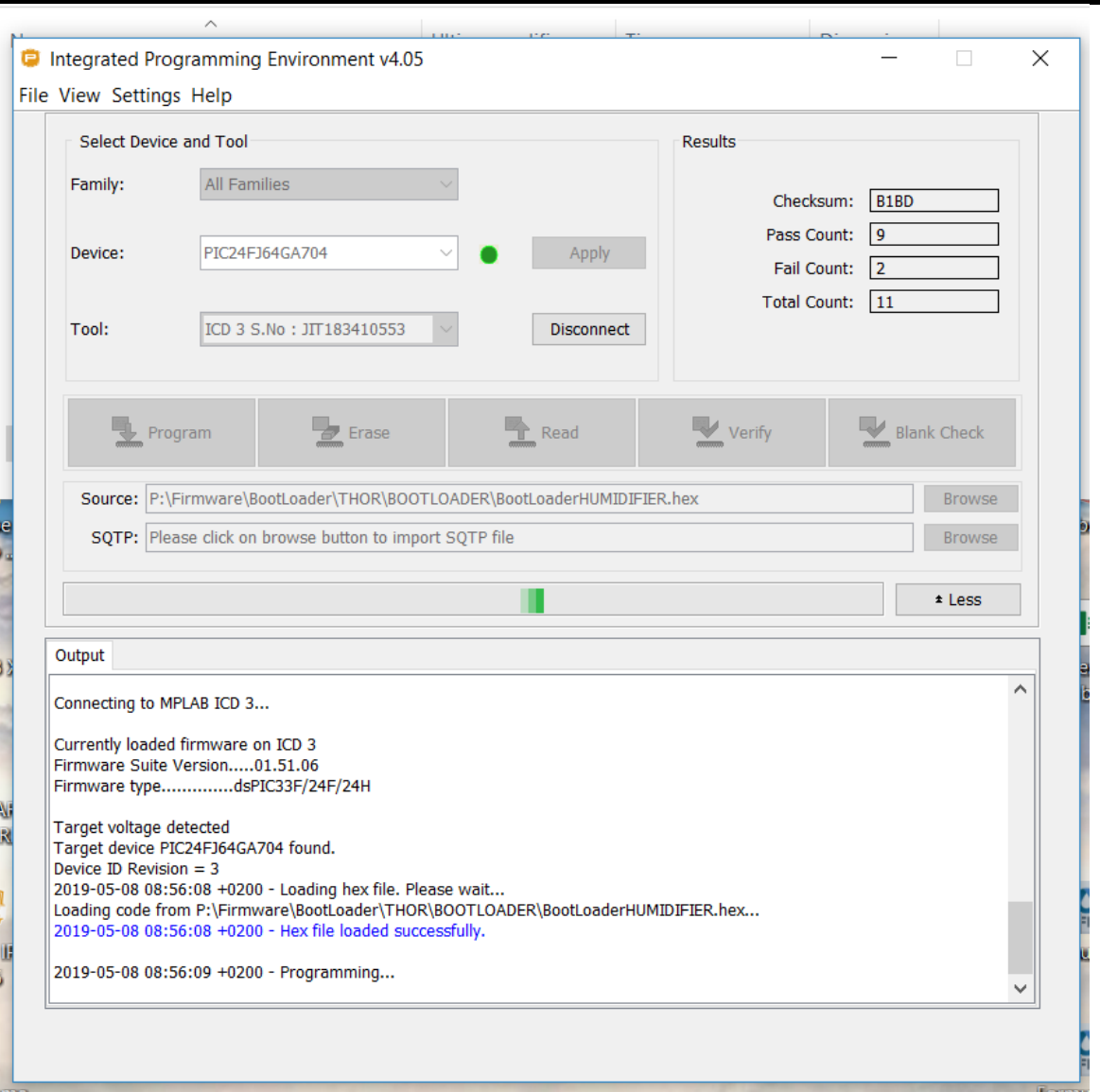
Thor



To load the boot on the card Tinting and Humidifier, you have to use the program "MPLAB IPE V4.0.5"

The device tinting:
PIC24256GB110

Thor



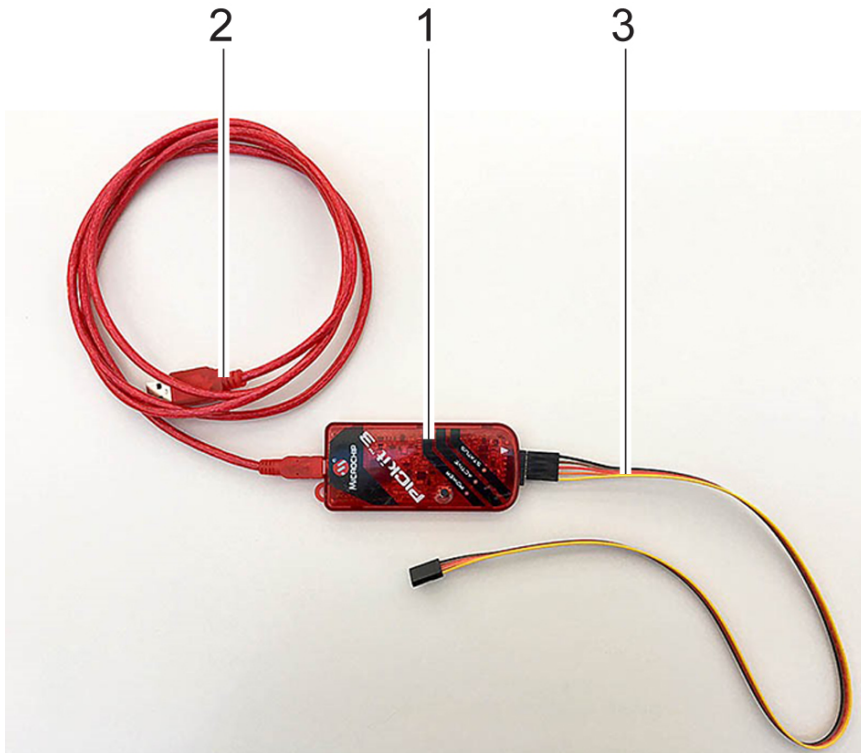
Humidifier Card
Device:
PIC24FJ65GA704

Thor



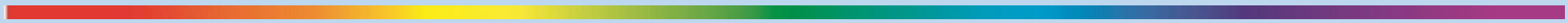
MPLAB ICD 3 programmer.
Note: It is not necessary to buy it, we will send the spare parts already programmed

Thor



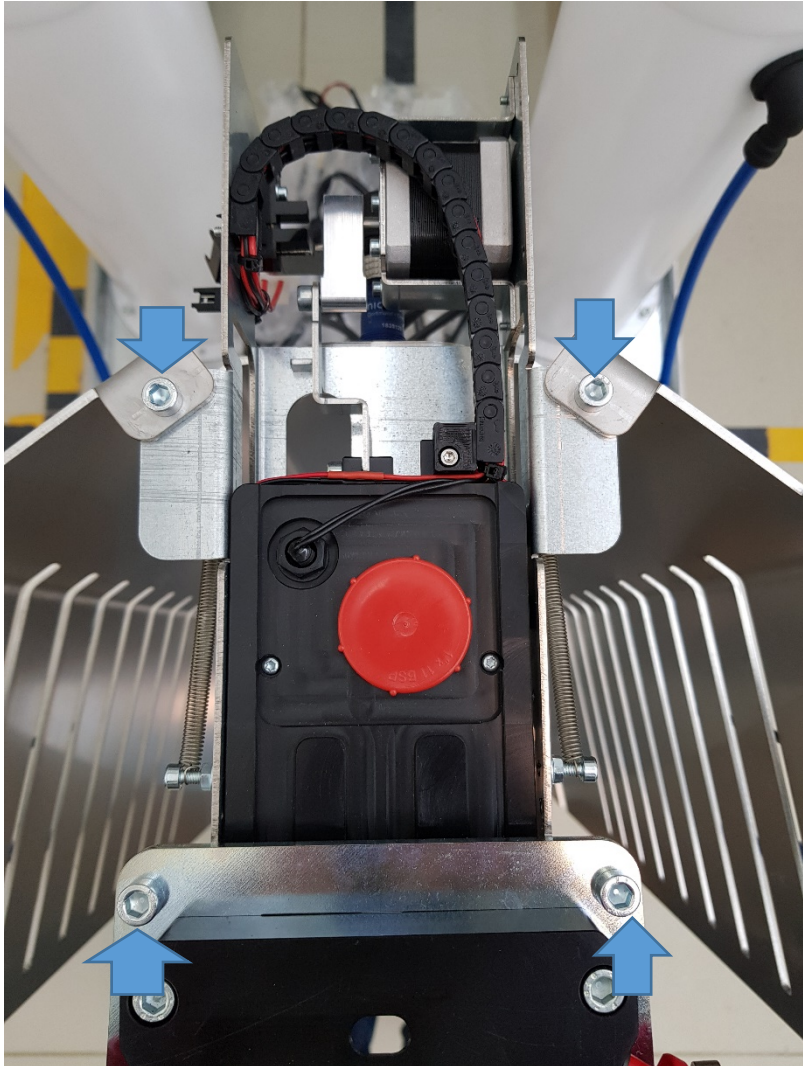
For Autocap cards, semi-finished pumps, Mab.
The Pick it 3 programmer and Mplab iDE v892 software are used

Thor



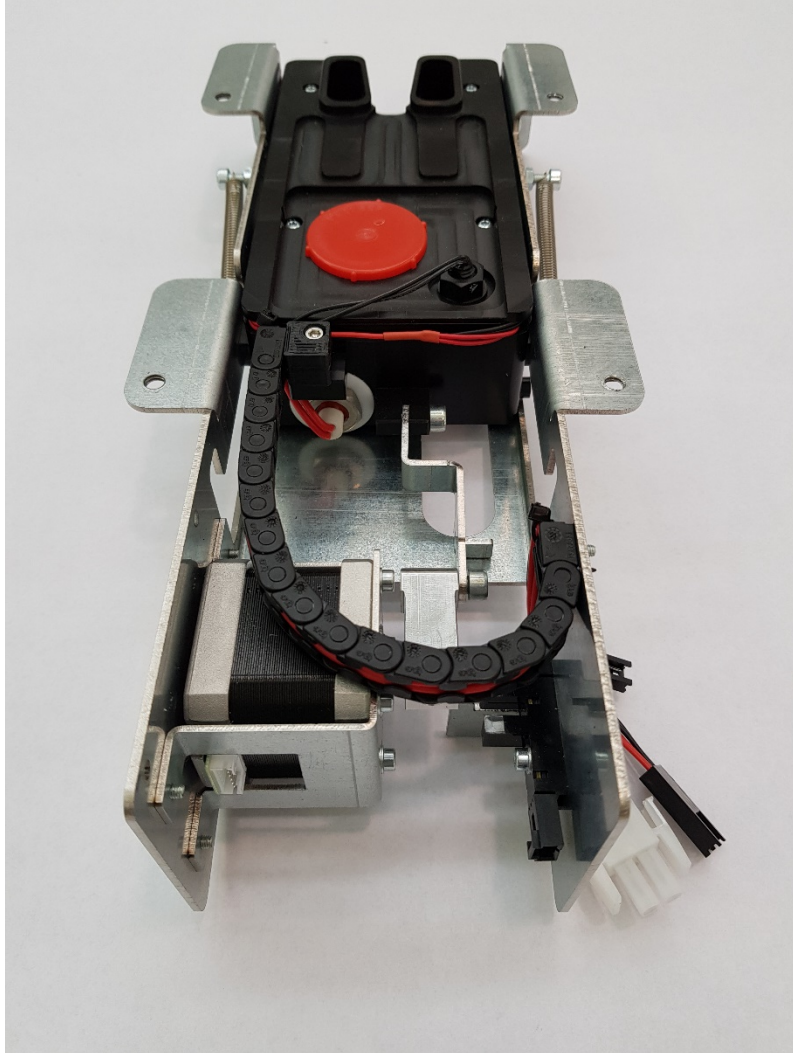
Autocap

Thor



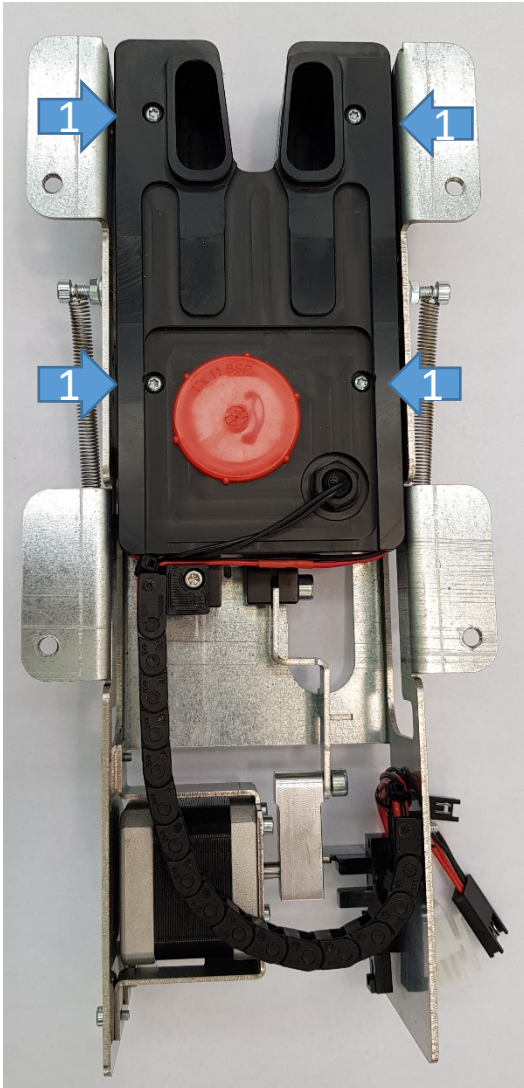
The Autocap is fixed with 4 Allen screws 5x16, to the chassis of the platform.

Thor



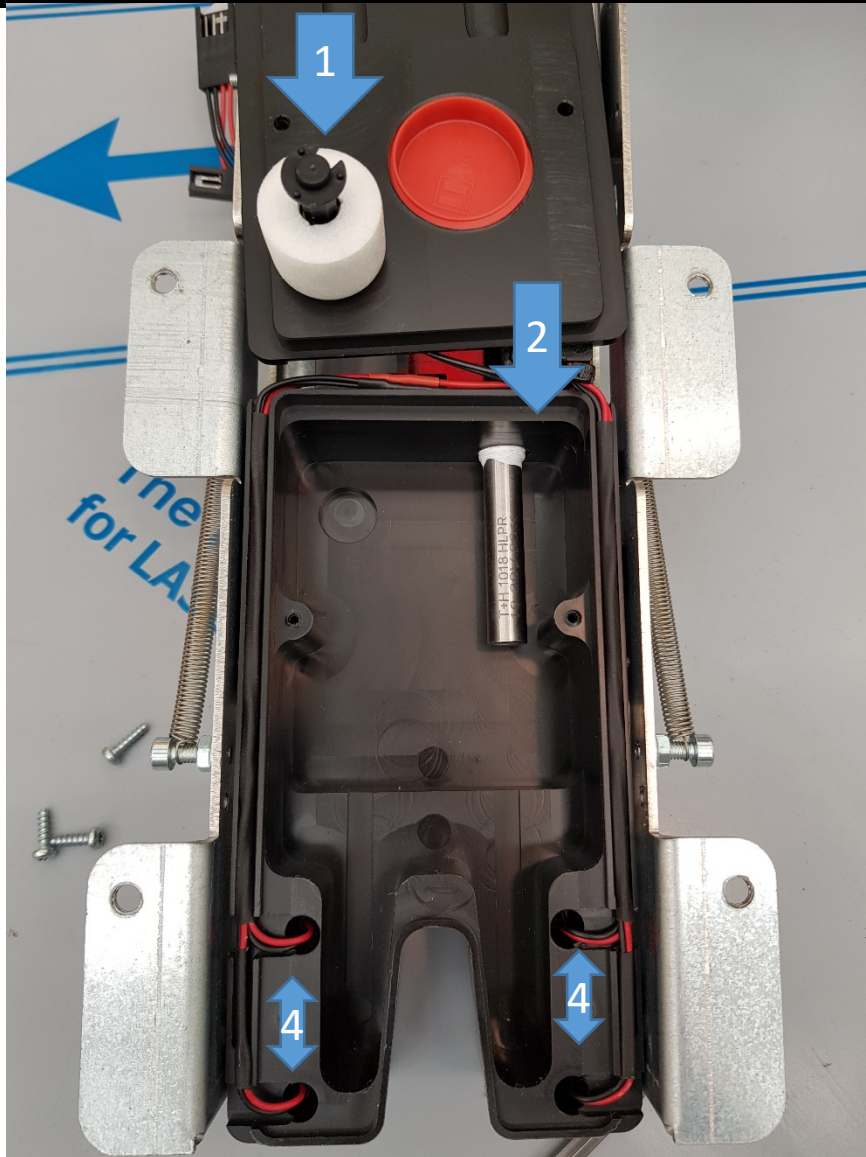
Disconnecting the cables from the motor, centering laser, resistance, photocell, level sensor, you can take out the Autocap.

Thor



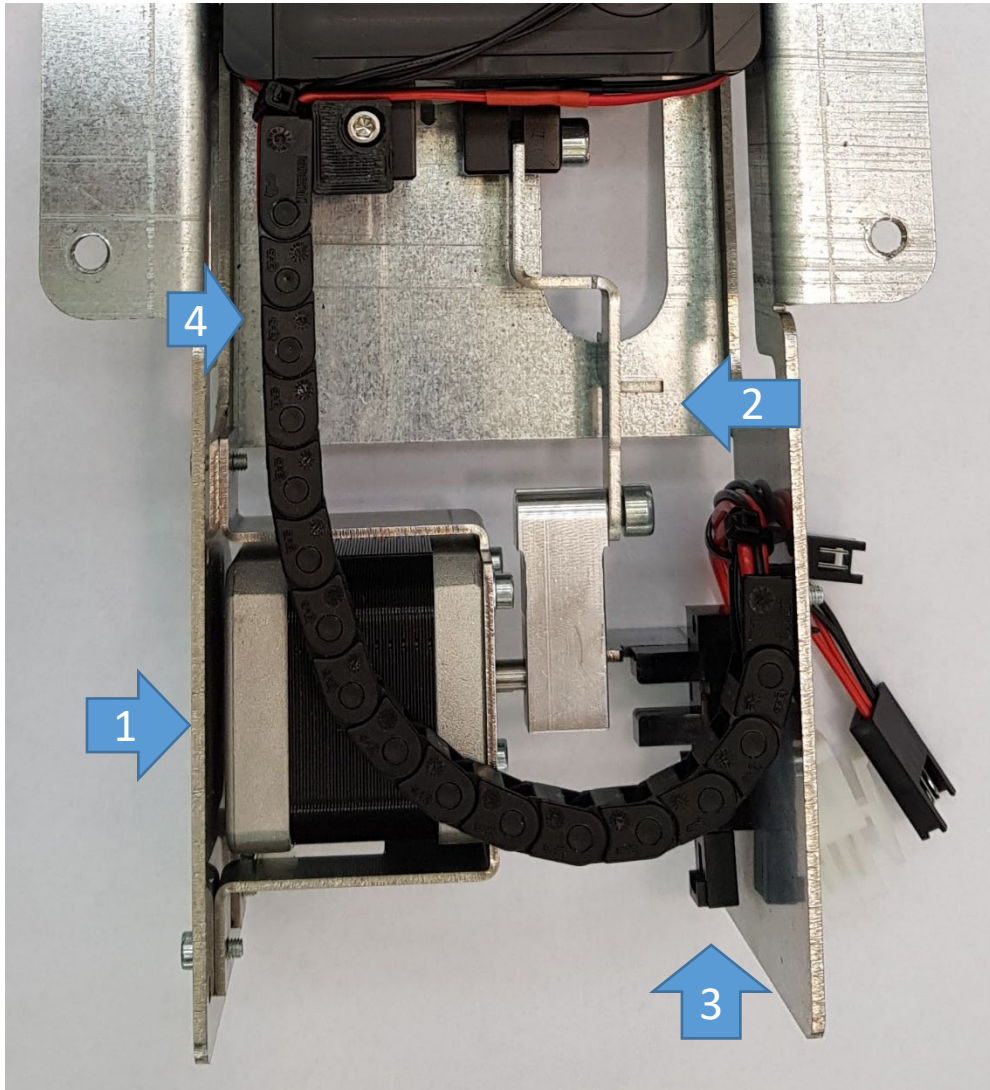
Removing the 4 screws (1) from the lid access the tank, the laser, the level sensor and the resistance.

Thor



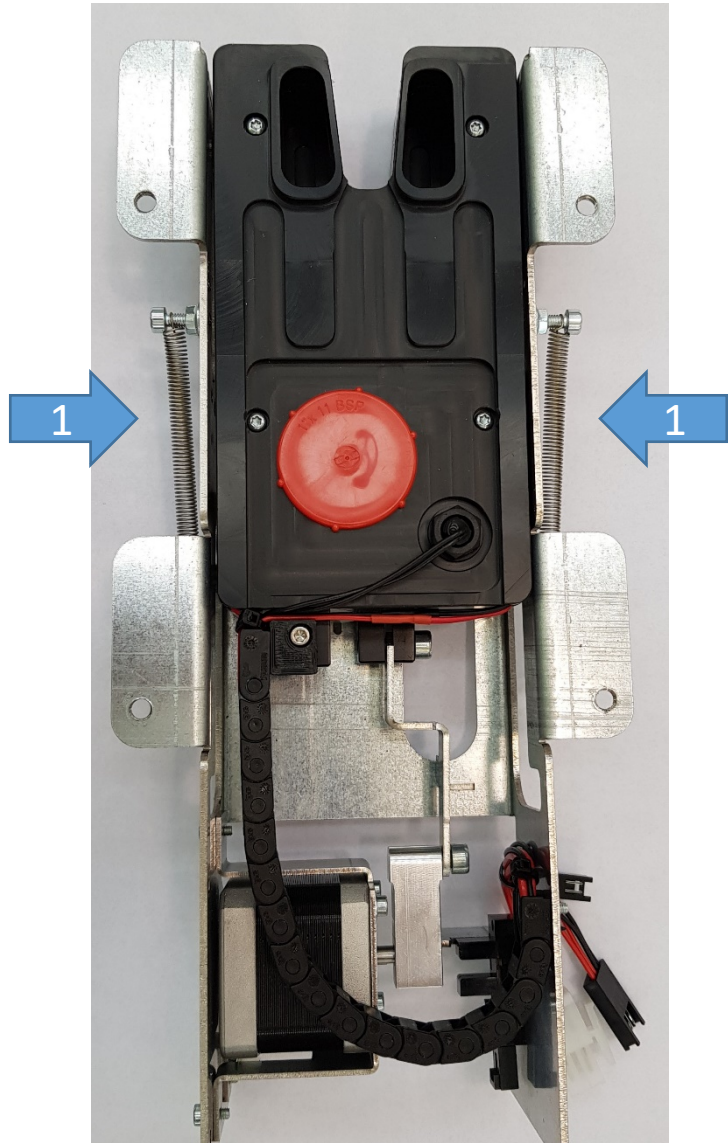
Inside the canisters are: water level sensor (1), resistance (2), 4 laser lights (3).

Thor



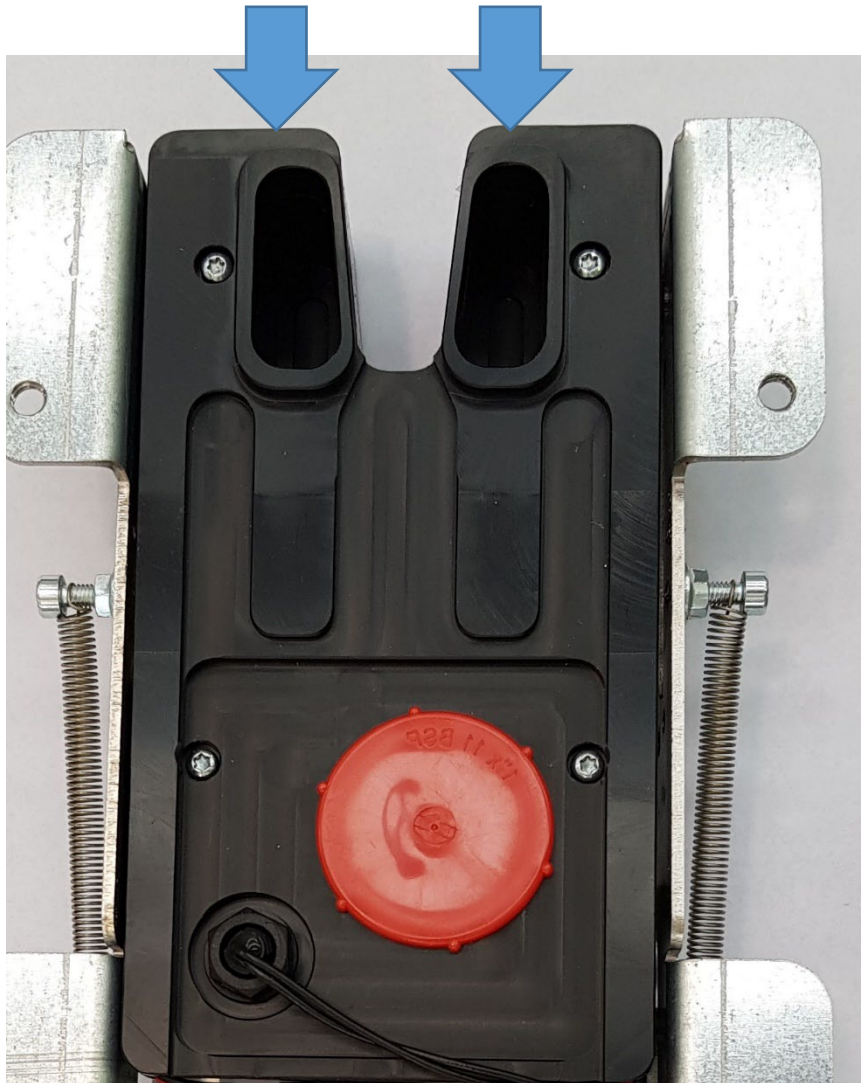
The mechanism for opening and closing the Autocap is operated by the stepper motor (1), when the opening movement the flag (2) is positioned in the photocell (3), in the chain (4) are the sensor cables Water level, resistance, laser cable.

Thor



These two springs (1) help the closing movement

Thor



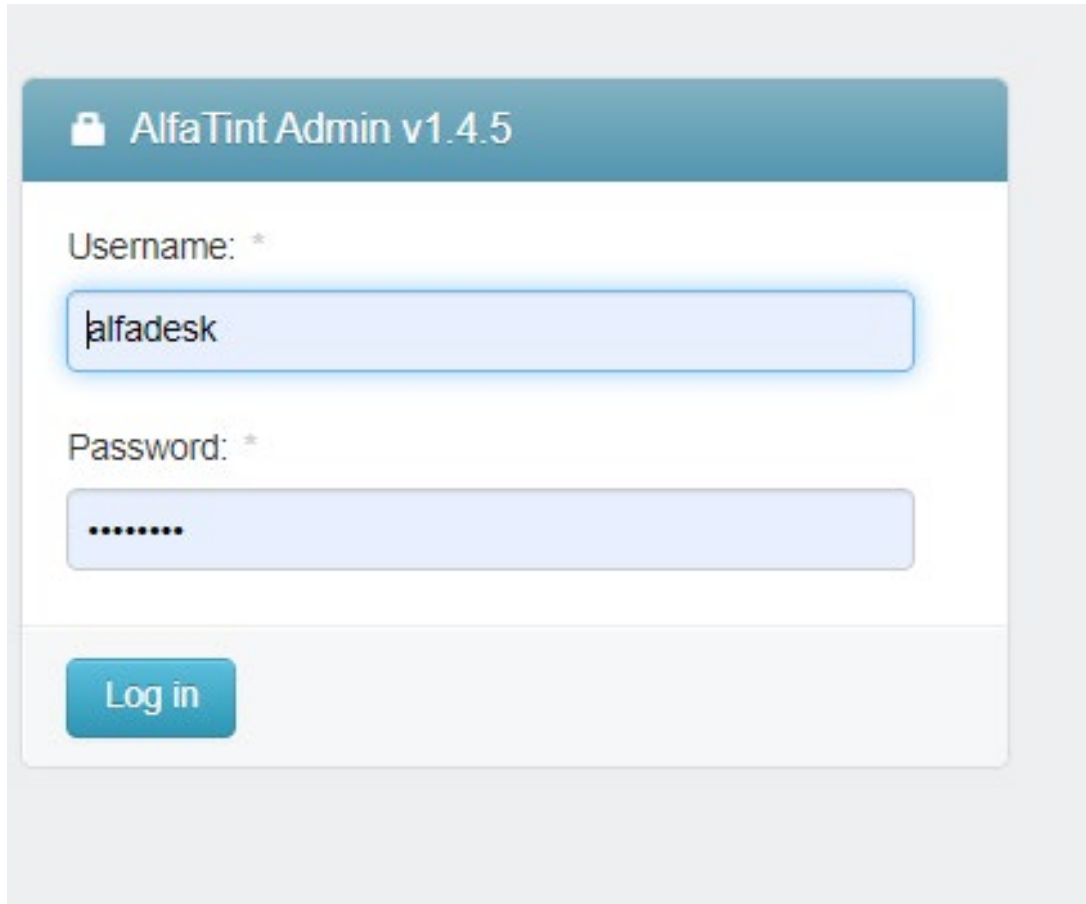
Sponges are embedded in these holes.

Alfa Tint



V 1.4.5

Thor



AlfaTint Admin v1.4.5

Username: *

alfadesk

Password: *

Log in

The password and user is the same "alfadesk"

Thor

AlfaTint Admin v1.4.5 Miércoles, 29th Mayo 2019 22:32 - Europe/Rome Bienvenidos, alfadesk. [Cambia la contraseña](#) | [Cerrar sesión](#)

Inicio » Sitio administrativo

Inicio

- Administración
- Personalizaciones
- Recetas
- Datos locales
- Cloud
- Servicios
- APIs
- Calibración

Contenedores

Cattura rettangolare

Actualizar

machine

Contenedores	Indice	Pigmentos	Nivel Actual [cc]	Min / max [cc]	Indicadores de estado
B4	3	base-multiuso-bianca	4388.00	200 / 6000	
B5	4	base-multiuso-neutra	4412.90	600 / 6000	
C1	8	viola-jxe	1183.47	200 / 1500	
C2	9	giallo-sxe	1125.80	200 / 1500	
C3	10	nero-bxe	1229.03	200 / 1500	
C4	11	magenta-su-r122-dr2-plata	1500.00	200 / 1500	
C5	12	magenta-qme	1460.00	200 / 1500	
C6	13	giallo-citron	1293.28	200 / 1500	
C7	14	arancio-ore	1295.55	200 / 1500	
C8	15	arancio-su-r168-ar6-plata	1500.00	200 / 1500	
C9	16	raw-umber-le	560.50	200 / 1500	
C10	17	rosso-ossido-fe	1406.20	200 / 1500	
C11	18	blu-exe	1035.01	200 / 1500	
C13	20	verde-dxe	720.43	200 / 1500	
C14	21	giallo-ossido-cne	652.35	200 / 1500	
C15	22	rosso-organico-ree	1038.69	200 / 1500	

Máquina

STANDBY
Ready

- Reiniciar
- Reinicio completo
- Modalidad diagnóstico
- Autopurge

Autocap

CLOSED

- Open
- Cerrar

Presencia envase

ABSENT

Levantador

CLOSED

- Extend

Dispensaciones

Dispensación	Fecha modificada	Descripción	Receta	Tipo	Indicadores de estado	Envase	Tamaño
--------------	------------------	-------------	--------	------	-----------------------	--------	--------

Start page is the same as version v1.4.0

Thor

Alfa Tint Admin v1.4.5

Wednesday, 29th May 2019
16:51 - Europe/Rome

Welcome, **alfadesk**. [Change password](#) | [Log out](#)

Home » refill





- Home
- Administration
- Customizations
- Recipes
- Local data
- Cloud
- Services
 - System Services
 - Resources usage
 - Refill**
- APIs
- Calibration

Cattura rettangolare

Position Pipe To refill

missing engaged pipe

Please, select the pipe to be put in refilling position (i.e. to be engaged) by pushing the button in **index** column.

name	pigment
<input type="button" value="C1"/>	viola-jxe 
<input type="button" value="C2"/>	giallo-sxe 
<input type="button" value="C3"/>	nero-bxe 
<input type="button" value="C4"/>	magenta-su-r122-dr2-plata 
<input type="button" value="C5"/>	magenta-qme 
<input type="button" value="C6"/>	giallo-citron 
<input type="button" value="C7"/>	arancio-ore 
<input type="button" value="C8"/>	arancio-su-r168-ar6-plata 
<input type="button" value="C9"/>	raw-umber-le 
<input type="button" value="C10"/>	rosso-ossido-fe 
<input type="button" value="C11"/>	blu-exe 
<input type="button" value="C13"/>	verde-dxe 
<input type="button" value="C14"/>	giallo-ossido-cne 
<input type="button" value="C15"/>	rosso-organico-ree 

In Cloud_ Refill:
It is the option to fill the coloring deposits, when selecting the colorant it will be positioned in front of the dispensing point.

Thor

AlfaTint Admin v1.4.5 Miércoles, 29th Mayo 2019 16:56 - Europe/Rome Bienvenidos, alfadesk. [Cambia la contraseña](#) | [Cerrar sesión](#)

Inicio » Client » Comandos

Keyword: rtangolare Canal Comando: ROTATING_TABLE Estado Buscar 146 resultados [61111 total](#) [+ Nuevo comando](#) [- Eliminar todos los registros](#)

2018 2019

----- Ir 0 de 100 seleccionados

	Id de msg	Dirección remota	Canal	Comando	Estado	Tiempo transcurrido [seg]	Reenviar	Fecha de creación	Fecha de recepción
<input type="checkbox"/>	46	192.168.15.47	machine	ROTATING_TABLE_FIND_CIRCUITS_POSITION	✔ Éxito	-	Reenviar	2019-05-27 12:57:48.125	
<input type="checkbox"/>	44	192.168.15.47	machine	ROTATING_TABLE_FIND_CIRCUITS_POSITION	✘ Fracaso	-	Reenviar	2019-05-27 12:57:26.617	
<input type="checkbox"/>	832	192.168.15.47	machine	ROTATING_TABLE_FIND_CIRCUITS_POSITION	✔ Éxito	-	Reenviar	2019-05-23 16:12:42.497	
<input type="checkbox"/>	828	192.168.15.47	machine	ROTATING_TABLE_FIND_CIRCUITS_POSITION	✘ Fracaso	-	Reenviar	2019-05-23 16:11:27.822	
<input type="checkbox"/>	807	192.168.15.47	machine	ROTATING_TABLE_FIND_CIRCUITS_POSITION	✘ Fracaso	-	Reenviar	2019-05-23 16:05:28.582	
<input type="checkbox"/>	497	192.168.15.47	machine	ROTATING_TABLE_FIND_CIRCUITS_POSITION	✔ Éxito	-	Reenviar	2019-05-22 16:57:25.289	
<input type="checkbox"/>	493	192.168.15.47	machine	ROTATING_TABLE_FIND_CIRCUITS_POSITION	✘ Fracaso	-	Reenviar	2019-05-22 16:56:18.769	
<input type="checkbox"/>	33	192.168.15.47	machine	ROTATING_TABLE_FIND_CIRCUITS_POSITION	✔ Éxito	-	Reenviar	2019-05-21 14:25:17.347	
<input type="checkbox"/>	28	192.168.15.47	machine	ROTATING_TABLE_FIND_CIRCUITS_POSITION	✔ Éxito	-	Reenviar	2019-05-21 14:22:19.832	
<input type="checkbox"/>	22	192.168.15.47	machine	ROTATING_TABLE_FIND_CIRCUITS_POSITION	✔ Éxito	-	Reenviar	2019-05-21 14:18:18.709	
<input type="checkbox"/>	18	192.168.15.47	machine	ROTATING_TABLE_FIND_CIRCUITS_POSITION	✔ Éxito	-	Reenviar	2019-05-21 14:16:00.120	
<input type="checkbox"/>	16	192.168.15.47	machine	ROTATING_TABLE_FIND_CIRCUITS_POSITION	✘ Fracaso	-	Reenviar	2019-05-21 14:15:22.884	
<input type="checkbox"/>	5	192.168.15.47	machine	ROTATING_TABLE_FIND_CIRCUITS_POSITION	✔ Éxito	-	Reenviar	2019-05-07 11:05:52.955	
<input type="checkbox"/>	5	192.168.0.101	machine	ROTATING_TABLE_FIND_CIRCUITS_POSITION	✔ Éxito	-	Reenviar	2019-02-12 17:14:15.940	
<input type="checkbox"/>	3	192.168.0.101	machine	ROTATING_TABLE_FIND_CIRCUITS_POSITION	✔ Éxito	-	Reenviar	2019-02-12 17:13:06.282	
<input type="checkbox"/>	2	192.168.0.101	machine	ROTATING_TABLE_FIND_CIRCUITS_POSITION	✘ Fracaso	-	Reenviar	2019-02-12 17:10:23.323	
<input type="checkbox"/>	1	192.168.0.101	machine	ROTATING_TABLE_FIND_CIRCUITS_POSITION	✘ Fracaso	-	Reenviar	2019-02-12 17:09:18.054	

a new command :ROTATING_TABLE_FIND_CIRCUITS_POSITION

Thor

- Inicio
- Administración
- Personalizaciones
- Recetas
- Datos locales
- Alarmas
- Eventos
- Dispensaciones
- Ajustes
- Dispositivos
- Comandos
- Tablas de la máquina
- Contenedores
- Cloud
- Servicios
- APIs
- Calibración

Inicio » Client » Comandos

Keyword: ttangolare

Canal

Comando: DIAG_ROTATING_

Estado

Buscar

45 resultados [61111 total](#)

Nuevo comando

Eliminar todos los registros

2018 2019

Ir

seleccionados 0 de 45

	Id de msg	Dirección remota	Canal	Comando	Estado	Tiempo transcurrido [seg]	Reenviar	Fecha de creación	Fecha de recepción
<input type="checkbox"/>	6	192.168.0.101	machine	DIAG_ROTATING_TABLE_TEST	✓ Éxito	-	Reenviar	2019-02-12 17:15:40.340	
<input type="checkbox"/>	21	192.168.0.101	machine	DIAG_ROTATING_TABLE_TEST	✓ Éxito	-	Reenviar	2019-02-12 17:06:05.494	
<input type="checkbox"/>	20	192.168.0.101	machine	DIAG_ROTATING_TABLE_TEST	✓ Éxito	-	Reenviar	2019-02-12 17:06:04.821	
<input type="checkbox"/>	19	192.168.0.101	machine	DIAG_ROTATING_TABLE_TEST	✓ Éxito	-	Reenviar	2019-02-12 17:05:57.032	
<input type="checkbox"/>	4	192.168.0.101	machine	DIAG_ROTATING_TABLE_TEST	✓ Éxito	-	Reenviar	2019-02-12 16:51:54.430	
<input type="checkbox"/>	51	192.168.0.101	machine	DIAG_ROTATING_TABLE_TEST	✓ Éxito	-	Reenviar	2019-02-12 16:24:20.605	
<input type="checkbox"/>	36	192.168.0.101	machine	DIAG_ROTATING_TABLE_TEST	✓ Éxito	-	Reenviar	2019-02-12 16:08:13.752	
<input type="checkbox"/>	4	192.168.0.101	machine	DIAG_ROTATING_TABLE_TEST	✓ Éxito	-	Reenviar	2019-02-12 15:24:45.594	
<input type="checkbox"/>	168	192.168.0.101	machine	DIAG_ROTATING_TABLE_TEST	✓ Éxito	-	Reenviar	2019-02-12 15:03:23.265	
<input type="checkbox"/>	153	192.168.0.101	machine	DIAG_ROTATING_TABLE_TEST	✓ Éxito	-	Reenviar	2019-02-12 14:51:37.946	
<input type="checkbox"/>	135	192.168.0.101	machine	DIAG_ROTATING_TABLE_TEST	✓ Éxito	-	Reenviar	2019-02-12 14:43:21.044	
<input type="checkbox"/>	107	192.168.0.101	machine	DIAG_ROTATING_TABLE_TEST	✓ Éxito	-	Reenviar	2019-02-12 14:21:48.135	
<input type="checkbox"/>	78	192.168.0.101	machine	DIAG_ROTATING_TABLE_TEST	✓ Éxito	-	Reenviar	2019-02-12 13:01:57.848	
<input type="checkbox"/>	53	192.168.0.101	machine	DIAG_ROTATING_TABLE_TEST	✓ Éxito	-	Reenviar	2019-02-12 12:38:00.160	

A new command: DIAG_ROTATING_TABLE_TEST

Thor

As the Thor has the carousel and each dye one position, when making a pump change and you want to continue working without that coloring group, you have to follow the 4 steps below.

1 • In Device_Machine, I deactivate the coloring group.

2 • I reset

3 • Carried out a self-recognition of the groups in the carousel with the command "rotating_table_find_circuits_position"

4 • I carry out a test to verify that everything is configured with the command "Diag_rotating_table_test"

Once repaired or replaced the group perform the same steps for activation

Thor: Pump configuration

Pump settings

Collapse

No. steps stroke

3700

No. steps stop point (continuous Delay EV off [msecs] only)

0

0

Suction speed [rpm]

600

Max. stroke volume [cc]

9.122

Min. continuous volume [cc]

10

- Not used -

0

- Not used -

0

Circuit settings

Collapse

Recirculation speed [rpm]

300

Recirculation duration [min]

1

Recirculation pause [sec]

3

No. cycles before dispensing

0

Recirculation Window [10 min]

6

Speed backstep opening [rpm]

600

No. steps for back movement in opening: small hole

100

No. steps for back movement in opening: big hole

50

- 1 • Number of steps 3700.
- 2 • Suction speed 600rpm.
- 3 • Maximum volume in a single stroke of 9,1cc pump (599rpm dispensing)
- 4 • Minimum volume in 10cc continuous. (600rpm of dispensing)
- 5 • Speed backstep opening (rpm)
- 6 • Number of suction steps with the small hole. (100) variable depending on the type of colorant.
- 7 • Number of suction steps with the large hole (50) variable depending on the type of colorant.

Thor

Cattura rettangolare

Pump settings

Collapse

No. steps stroke	No. steps end (continuous only)	No. steps home	No. steps backlash (stroke only)
<input type="text" value="800"/>	<input type="text" value="400"/>	<input type="text" value="150"/>	<input type="text" value="150"/>
Delay EV off [msecs]	Suction speed [rpm]	Max. stroke volume [cc]	Min. continuous volume [cc]
<input type="text" value="0"/>	<input type="text" value="300"/>	<input type="text" value="11.4616"/>	<input type="text" value="180"/>

Circuit settings

Collapse

Recirculation speed [rpm]	Recirculation duration [min]	Recirculation pause [sec]	Stirring duration [sec]
<input type="text" value="300"/>	<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value="30"/>
Stirring PWM [%]	No. cycles before dispensing	Recirculation Window [10 min]	Stirring Window [10 min]
<input type="text" value="100"/>	<input type="text" value="0"/>	<input type="text" value="3"/>	<input type="text" value="3"/>

3-liter pump is configured:

- 1 • Number of steps 800.
- 2 • End of steps number 400
- 3 • Number of start steps 150.
- 4 • Recoil steps 150.

Thor: Device

Configuration

Parameters:

Slave configuration

<input checked="" type="checkbox"/> B1	<input checked="" type="checkbox"/> B2	<input checked="" type="checkbox"/> B3	<input checked="" type="checkbox"/> B4
<input type="checkbox"/> B5	<input type="checkbox"/> B6	<input type="checkbox"/> B7	<input type="checkbox"/> B8
<input checked="" type="checkbox"/> C1	<input type="checkbox"/> C2	<input checked="" type="checkbox"/> C3	<input checked="" type="checkbox"/> C4
<input checked="" type="checkbox"/> C5	<input type="checkbox"/> C6	<input checked="" type="checkbox"/> C7	<input checked="" type="checkbox"/> C8
<input checked="" type="checkbox"/> C9	<input type="checkbox"/> C10	<input checked="" type="checkbox"/> C11	<input checked="" type="checkbox"/> C12
<input checked="" type="checkbox"/> C13	<input type="checkbox"/> C14	<input checked="" type="checkbox"/> C15	<input checked="" type="checkbox"/> C16
<input type="checkbox"/> C17	<input type="checkbox"/> C18	<input type="checkbox"/> C19	<input type="checkbox"/> C20
<input type="checkbox"/> C21	<input type="checkbox"/> C22	<input type="checkbox"/> C23	<input type="checkbox"/> C24
<input type="checkbox"/> X AXIS	<input type="checkbox"/> Y AXIS	<input type="checkbox"/> CAN 1	<input type="checkbox"/> CAN 2
<input type="checkbox"/> CAN 3	<input type="checkbox"/> CAN 4	<input type="checkbox"/> CAP 1	<input type="checkbox"/> CAP 2
<input checked="" type="checkbox"/> AUTOCAP	<input type="checkbox"/> CAN LIFTER	<input checked="" type="checkbox"/> HUMIDIFIER	<input checked="" type="checkbox"/> TINTING
<input type="checkbox"/> UNUSED	<input type="checkbox"/> UNUSED	<input type="checkbox"/> UNUSED	<input type="checkbox"/> UNUSED

Metadata

The humidifier and the tinting card are active on the Device.

Thor

Calibration

Thor

AlfaTint Admin v1.4.5 Thursday, 30th May 2019 11:28 - Europe/Rome Welcome, alfadesk. Change password | Log out

Home » Client » Tables » C 16 continuos new

Cattura rettangolare

General

Description: *	<input type="text" value="C 16 continuos new"/>
Template: *	<input type="text" value="Continuos"/>
Profile: *	<input type="text" value="C16 Continuos"/>
Pipe: *	<input type="text" value="C16"/>
Speed: *	<input type="text" value="600"/> [rpm]
Min. volume: *	<input type="text" value="10,0"/> [cc]
Max. volume: *	<input type="text" value="1000,0"/> [cc]

Pigment

Pigment:	XO Amarillo Oxido
Specific weight: *	<input type="text" value="1,994000"/> Normalized to 1.0

Purge

Purge	<input checked="" type="checkbox"/> Leave unchecked to skip purge at the beginning of a data acquisition session.
Purge cycles: *	<input type="text" value="0"/>
Purge steps per cycle: *	<input type="text" value="0"/>

The continuous speed is performed at 600 rpm, with a minimum volume of 10cc and a maximum volume of 1500cc. The purge values are set to 0.

Save
Save and exit
Save and add another
Delete

Tools
History
Add table

Samples
Acquire all
Clear all

Checkpoints
Interpolate
Acquire all
Clear all

Thor

In continuous 3 weighing are made

Samples

Sample	Sampled on	Iterations	Steps	Weight [g]	Volume [cc]	Std deviation (abs)	Std deviation (pct)	Clear?	Delete?
SP4579561d-a4fe-4d76-8c21-269cbd9639e0	May 22, 2019, 9:46 a.m.	2	3700	18.5855	9.3207	0.0069	0.07 %	<button>Clear</button>	<button>Delete</button>
SP5b451ba0-1355-4d8a-b5f5-f8f54679aa99	May 22, 2019, 9:45 a.m.	2	18500	92.7496	46.5143	0.0009	0.00 %	<button>Clear</button>	<button>Delete</button>
SP21316eab-bfea-453a-addf-3c0fa70711dc	May 22, 2019, 9:43 a.m.	1	37000	185.5904	93.0744	0.0000	0.00 %	<button>Clear</button>	<button>Delete</button>

Additional Samples

Iterations	Steps	Delete?
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Thor


Thor Admin V1.4.3 11:30 - Europe/Rome Welcome, anadesit Change password Log out

Home » Client » Tables » C 16 single stroke new

General

Description: *	C 16 single stroke new
Template: *	Single Stroke
Profile: *	C16 single stroke
Pipe: *	C16
Speed: *	599 [rpm]
Min. volume: *	0,0 [cc]
Max. volume: *	10,0 [cc]

Pigment

Pigment:	 XO Amarillo Oxido
Specific weight: *	1,994000 Normalized to 1.0

Purge

Purge	<input checked="" type="checkbox"/> Leave unchecked to skip purge at the beginning of a data acquisition session.
Purge cycles: *	1
Purge steps per cycle: *	3700

In a single stroke is 599 rpm, with a minimum value of 0, maximum value of 10. With 1 purge at 3700 steps.

Save
Save and exit
Save and add another
Delete

Tools

- History
- Add table

Samples

- Acquire all
- Clear all

Checkpoints

- Interpolate
- Acquire all
- Clear all
- Delete all

Thor

Home » Client » Tables » B2 Continuos

Home Administration Customizations Recipes Local data Cloud Services APIs Calibration

Tables Points Profiles Templates

General

Description: *	B2 Continuos
Template: *	Continuos doble pump
Profile: *	Continuos doble pump
Pipe: *	B2
Speed: *	200 [rpm]
Min. volume: *	30,0 [cc]
Max. volume: *	2500,0 [cc]

Pigment

Pigment:	
Specific weight: *	1.000 Normalized to 1.0

Purge

Purge	<input checked="" type="checkbox"/> Leave unchecked to skip purge at the beginning of a data acquisition session.
Purge cycles: *	2
Purge steps per cycle: *	800

Data Acquisition Options

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The double pump uses a chamber for each tank, we will use the temple and profile "continuous double pump". The speed is 200rpm (depending on the product we can increase) Minimum value 30cc, value, maximum 2500.

Save Save and exit Save and add another Delete

Tools History Add table

Samples Acquire all Clear all

Checkpoints Interpolate Acquire all Clear all Delete all

Thor

n continuous we will carry out these heavy ones

Samples

Sample	Sampled on	Iterations	Steps	Weight [g]	Volume [cc]	Std deviation (abs)	Std deviation (pct)	Clear?	Delete?
SP784db5d6-ae37-4751-8ca2-f2fe31ea404	May 8, 2019, 1:14 p.m.	2	800	26.2150	26.2150	0.0650	0.25 %	<input type="button" value="Clear"/>	<input type="button" value="Delete"/>
SP1ae17743-e35b-41b8-b22a-ffca308da553	May 8, 2019, 1:15 p.m.	2	3200	109.1800	109.1800	0.0300	0.03 %	<input type="button" value="Clear"/>	<input type="button" value="Delete"/>
SP74645aeb-df28-446e-9e9b-daedd29e7afd	May 8, 2019, 1:16 p.m.	2	8000	274.9400	274.9400	0.1800	0.07 %	<input type="button" value="Clear"/>	<input type="button" value="Delete"/>
SPb38c7716-41db-447f-9d13-bcf7c49f4695	May 8, 2019, 1:17 p.m.	2	16000	549.0750	549.0750	0.4150	0.08 %	<input type="button" value="Clear"/>	<input type="button" value="Delete"/>

Additional Samples

Iterations *	Steps	Delete?
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Thor

The screenshot displays the Thor software interface for configuring a table. The breadcrumb navigation at the top reads: Home » Client » Tables » B1 single new. The left sidebar contains a navigation menu with the following items: Home, Administration, Customizations, Recipes, Local data, Cloud, Services, APIs, Calibration (highlighted), Tables, Points, Profiles, and Templates. The main content area is divided into several sections:

- General:** A table with the following fields:
 - Description: * B1 single new
 - Template: * single double pump
 - Profile: * Single doble pump
 - Pipe: * B1
 - Speed: * 50 [rpm]
 - Min. volume: * 0,0 [cc]
 - Max. volume: * 30,0 [cc]
- Pigment:** A table with the following fields:
 - Pigment: [empty field]
 - Specific weight: * 1,000000 Normalized to 1.0
- Purge:** A table with the following fields:
 - Purge: Leave unchecked to skip purge at the beginning of a data acquisition session.
 - Purge cycles: * 1
 - Purge steps per cycle: * 650
- Data Acquisition Options:** (Section header, partially visible)

On the right side of the interface, there are several action buttons: Save, Save and exit, Save and add another, and Delete. Below these are sections for Tools (History, Add table), Samples (Acquire all, Clear all), and Checkpoints (Interpolate, Acquire all, Clear all, Delete all).

The speed of a single stroke will be done at 50rpm, we will use the tempest and profile "single double pump" minimum value 0, maximum value 30.

Thor

At low speed these heavy

Samples

Sample	Sampled on	Iterations	Steps	Weight [g]	Volume [cc]	Std deviation (abs)	Std deviation (pct)	Clear?	Delete?
SPaa83404f-f585-4a0a-a030-b5f4099b284d	May 8, 2019, 1:02 p.m.	2	650	19.5050	19.5050	0.1250	0.64 %	<input type="button" value="Clear"/>	<input type="button" value="Delete"/>
SPdcad1873-e946-4e1b-a45e-5939e4f98dee	May 8, 2019, 1:03 p.m.	2	500	15.1900	15.1900	0.0100	0.07 %	<input type="button" value="Clear"/>	<input type="button" value="Delete"/>
SP90256286-0ead-439f-bf77-6a57e964e782	May 8, 2019, 1:03 p.m.	2	350	10.6800	10.6800	0.0300	0.28 %	<input type="button" value="Clear"/>	<input type="button" value="Delete"/>
SPeeff7c8d-98cf-4b4d-9ffd-5bbfbaf458fd	May 8, 2019, 1:03 p.m.	2	100	2.9400	2.9400	0.0000	0.00 %	<input type="button" value="Clear"/>	<input type="button" value="Delete"/>
SP089410b9-85a1-4b24-9088-203dcee8abca	May 8, 2019, 1:04 p.m.	2	75	2.1350	2.1350	0.0050	0.23 %	<input type="button" value="Clear"/>	<input type="button" value="Delete"/>
SPed64804d-f1fa-4064-b9d3-6ddede1c9cba	May 8, 2019, 1:04 p.m.	2	50	1.3800	1.3800	0.0200	1.45 %	<input type="button" value="Clear"/>	<input type="button" value="Delete"/>

Additional Samples







Thor

- Home
- Administration
- Customizations
- Recipes
- Local data
- Cloud
- Services
- APIs
- Calibration**

Tables

- Points
- Profiles
- Templates

General

Description: *	<input type="text" value="B5 Single"/>
Template: *	<input type="text" value="Single 02"/>  
Profile: *	<input type="text" value="0.2 lt / 04 lt sigle"/>  
Pipe: *	<input type="text" value="B5"/>  
Speed: *	<input type="text" value="300"/> [rpm]
Min. volume: *	<input type="text" value="0,0"/> [cc]
Max. volume: *	<input type="text" value="6,0"/> [cc]

The calibration speed of pump 02 of the base, one stroke only, will be 300rpm, with a minimum volume of 0 and a maximum volume of 6cc.

Pigment

Pigment:	<input type="text" value="base-multiuso-neutra"/>
Specific weight: *	<input type="text" value="1,114800"/> Normalized to 1.0



Purge

Purge	<input type="checkbox"/> Leave unchecked to skip purge at the beginning of a data acquisition session.
Purge cycles: *	<input type="text" value="1"/>
Purge steps per cycle: *	<input type="text" value="1800"/>

Data Acquisition Options

Assisted	<input checked="" type="checkbox"/> Leave unchecked to perform unassisted data acquisition.
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Tools

-  History
-  Add table

Samples

-  Acquire all
-  Clear all

Checkpoints

-  Interpolate
-  Acquire all
-  Clear all
-  Delete all

Export

Thor

In low speed these heavy ones will be realized

steps

Samples

Sample	Sampled on	Iterations	Steps	Weight [g]	Volume [cc]	Std deviation (abs)	Std deviation (pct)	Clear?	Delete?
SP83ec2b2f-1966-4153-986f-fdf68a47a87e	Feb. 21, 2019, 1:53 p.m.	2	1800	5.2493	4.7088	0.0038	0.08 %	<button>Clear</button>	<button>Delete</button>
SP855c7a31-2944-49fb-8207-65e134e44a5b		2	1200		<button>Collect</button>			<button>Clear</button>	<button>Delete</button>
SP81ebc7b2-2747-4ed5-9998-ac7a7df5cac0	Feb. 21, 2019, 1:54 p.m.	2	600	1.8586	1.6672	0.0017	0.10 %	<button>Clear</button>	<button>Delete</button>
SP4252fc59-a81d-43a3-8810-e47612ad5d87		2	300		<button>Collect</button>			<button>Clear</button>	<button>Delete</button>
SP4e1f19ff-6a6d-48d8-9e08-965d169a4727	Feb. 21, 2019, 1:55 p.m.	2	100	0.4499	0.4036	0.0017	0.42 %	<button>Clear</button>	<button>Delete</button>
SPe3890394-79b0-4eec-8dce-53a648b941fa		2	50		<button>Collect</button>			<button>Clear</button>	<button>Delete</button>
SPb423dca2-cb73-48e6-a164-49e407c8e098	Feb. 21, 2019, 1:56 p.m.	2	20	0.2137	0.1917	0.0019	1.01 %	<button>Clear</button>	<button>Delete</button>
SP651b5d00-bdf6-4102-b327-3411c36b3460	Feb. 21, 2019, 1:57 p.m.	2	10	0.1784	0.1600	0.0004	0.25 %	<button>Clear</button>	<button>Delete</button>
SPa709e475-235a-4ca6-ae7b-473fd7e98b41	Feb. 21, 2019, 1:58 p.m.	2	5	0.1565	0.1403	0.0008	0.54 %	<button>Clear</button>	<button>Delete</button>

Additional Samples

Iterations	Steps	Delete?
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Thor

Home » Client » Tables » B5 Continuous Cattura rettangolare

General

Description: *	B5 Continuous
Template: *	Continuous 02
Profile: *	0.2 continuos
Pipe: *	B5
Speed: *	600 [rpm]
Min. volume: *	6,0 [cc]
Max. volume: *	6000,0 [cc]

Pigment

Pigment:	base-multiuso-neutra
Specific weight: *	1,114800 Normalized to 1.0

Purge

Purge	<input type="checkbox"/> Leave unchecked to skip purge at the beginning of a data acquisition session.
Purge cycles: *	1
Purge steps per cycle: *	1800

Data Acquisition Options

Assisted	<input checked="" type="checkbox"/> Leave unchecked to perform unassisted data acquisition.
Delay before weighing: *	500 [msec]
Execution: *	Sequential forward Order of execution for weight measurements.

The continuous speed will be 600rpm, with a minimum volume of 6ccy and a maximum of 3000cc.

Save
Save and exit
Save and add another
Delete

Tools

- History
- Add table

Samples

- Acquire all
- Clear all

Checkpoints

- Interpolate
- Acquire all
- Clear all
- Delete all

Export

- Export as CSV

Transfer

Home Administration Customizations Recipes Local data Cloud Services APIs Calibration Tables Points Profiles Templates

Thor

In continuous speed these heavy ones are realized

Samples

Sample	Sampled on	Iterations	Steps	Weight [g]	Volume [cc]	Std deviation (abs)	Std deviation (pct)	Clear?	Delete?
SP08534482-d62a-423d-b3d3-edef139ebfe6	Feb. 21, 2019, 12:55 p.m.	2	2400	6.3217	5.6707	0.0001	0.00 %	<input type="button" value="Clear"/>	<input type="button" value="Delete"/>
SP5164b056-c4f9-49d7-838b-53a2394ffb77		2	4800		<input type="button" value="Collect"/>			<input type="button" value="Clear"/>	<input type="button" value="Delete"/>
SP56f935c6-d980-48e9-aaa0-224932a6cf4d	Feb. 21, 2019, 12:56 p.m.	2	9600	25.2437	22.6442	0.0240	0.11 %	<input type="button" value="Clear"/>	<input type="button" value="Delete"/>
SP88893c3d-3794-492a-b4c6-29a0f6297c4d		2	24000		<input type="button" value="Collect"/>			<input type="button" value="Clear"/>	<input type="button" value="Delete"/>
SPda2a9508-1663-459b-82ae-721497da5d1f	Feb. 21, 2019, 12:57 p.m.	1	48000	125.6841	112.7414	0.0000	0.00 %	<input type="button" value="Clear"/>	<input type="button" value="Delete"/>

Additional Samples

Thank you!

