

Technical data sheet

# K-365 DIST-800



## Scope of delivery

	K-365 DIST-800
Instrument	1
BUCHI Bluetooth® Dongle	1
Suction tube tank	1
Hose for water feed (2 m)	1
Hose for cooling water drain (3 m)	1
Pair of glass tongs	1
Hose for instrument drain	1
Flexible condensate outlet tube	1
Hose clip D11.9	2
Declaration of conformity	1
Hose clip D10.7	1

## Order code

1 1 K 3 6 5 1 2 4 4 0

## Technical data

### K-365 DIST-800

	K-365 DIST-800
Dimensions (W x D x H)	320 x 400 x 730 mm
Weight	23 kg
Connection voltage	220 - 240 ± 10 % VAC
Power consumption	2100 W
Frequency	50 / 60 Hz
IP Code	IP20
Pollution degree	2
Overvoltage category	II
Tap water pressure	1 - 10 bar
Tap water condition (If the temperature is more than 25°C use a recirculating chiller)	1- 25°C
Tap water consumption	~ 1.2 L/min
Approvals	CE, CSA

## Instrument specifications

K-365 DIST-800	
Distillation capacity (100%)	~ 40 mL/min
Distillation capacity (100%) with 200 ± 10 % VAC	~ 32 mL/min
Ready pressure steam generator	900 hPa
Adjustable distillation power	10 - 100%
MaxAccuracy Mode (Compensation of power grid fluctuations)	Yes
Distillate reproducibility (RSD) (At 300 seconds distillation time)	<1%
Safety sensors	Yes

## Interface specifications

Display	LCD color, 4.3 in
Control elements	Buttons / control knob
Max. number of methods	8
Max. number of determinations	36
Max. number of determinations per series	16
Max. number of templates	4
Max. number of users	4
Max. number of determination results	40
Language	en, de, fr, it, es, pt, ja, zh, ru, pl, ko, id

## Ambient conditions

For indoor use only.

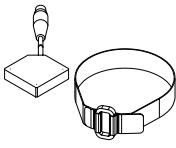
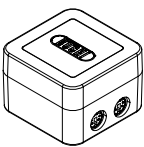
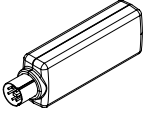
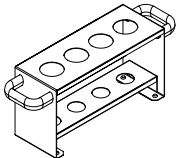
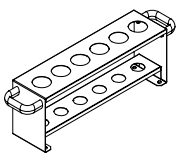
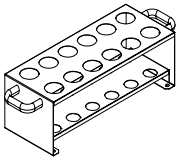
Max. altitude above sea level	2000 m
Ambient and storage temperature	5–40 °C
Maximum relative humidity	80% for temperatures up to 31 °C decreasing linearly to 50 % relative humidity at 40 °C

## Materials

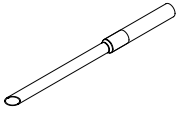
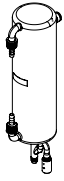
Component	Materials of construction
Housing	Polyurethane
Housing electric	Stainless steel
Steam generator housing	Stainless steel
Rear cover	Polyvinyl chloride
Glass parts	Borosilicate 3.3
Protective cover	PMMA
Sealing	EPDM

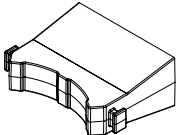
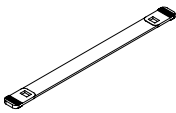
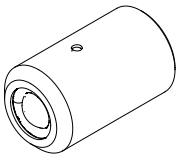
## Spare parts and accessories

### Accessories

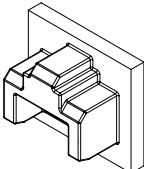
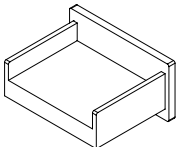
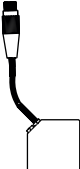
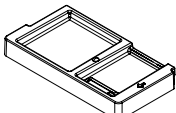
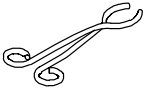
	Order no.	Image
Tank level sensor kit	11072294	 A line drawing of a tank level sensor kit, consisting of a small square sensor unit and a flexible cable with a circular connector.
StatusLight cpl., incl. communication cable Indicates the status of the instrument (instrument is ready to use, has an error or is in operation).	11068959	 A line drawing of a StatusLight control unit, a small rectangular box with a digital display and two circular ports on the front.
BUCHI Bluetooth® Dongle, connects instrument to smartphone via Bluetooth®	11067770	 A line drawing of a BUCHI Bluetooth dongle, a small rectangular device with a USB connector on one end.
Sample tube holder (4x 500 mL tubes)	016951	 A line drawing of a sample tube holder, a rectangular metal frame with four circular openings for tubes.
Sample tube holder (6 x 300 mL tubes)	043039	 A line drawing of a sample tube holder, a rectangular metal frame with six circular openings for tubes.
Sample tube holder (12 x 300 mL tubes)	043041	 A line drawing of a sample tube holder, a rectangular metal frame with twelve circular openings for tubes.

### Condenser spare parts

	Order no.	Image
Flexible condensate outlet	11069342	 A line drawing of a flexible condensate outlet, a long, thin, flexible tube with a connector at one end.
Condenser with check valve	11072183	 A line drawing of a condenser with a check valve, a vertical cylindrical component with a check valve at the bottom.

	Order no.	Image
Clamp for condenser	11066868	
Rubber band	11070669	
Check valve	11071740	


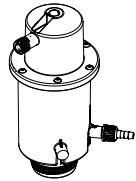
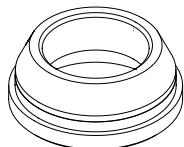
## Other spare parts

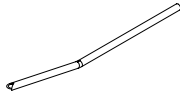
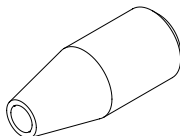
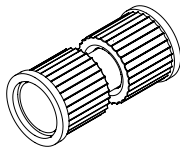
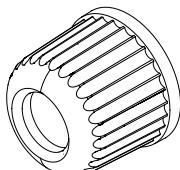

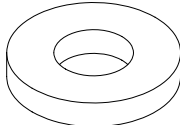
	Order no.	Image
Cap RJ-45 cap	11055949	
USB cover	11069375	
Level sensor capacitive	11065245	
Tank level sensor (Velcro point)	11070517	
Tank level sensor (Velcro strap)	11070516	
Silicone hose D6/9 L=3 m	048355	
Collecting pan	11066465	
Pair of glass tongs	002004	

## Sample tubes

	Order no.	Image
Sample tubes 300 mL 20 pcs.	11059690	
Sample tubes 300 mL For sample volumes up to 200 mL or 5 g in weight 4 pcs.	037377	
Sample tubes graduated 300 mL 4 pcs.	043049	
Sample tube 500 mL	026128	
Sample tubes 500 mL 4 pcs.	043982	

## Splash protector spare parts

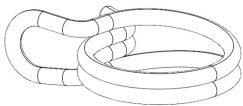

	Order no.	Image
Glass splash protector (EasyDist)	11071015	
Plastic splash protector (EasyDist)	11072055	
Sealing with ring (EDPM)	11073675	

	Order no.	Image
Steam inlet tubing to sample tube	043424	
Connecting piece EPDM Rubber piece between splash protector and steam outlet tube, acid-resistant.	11062478	
Bridge splash protector to condenser	11070620	
Cap nut GL14	033577	
Hose barbs, set. 4 pcs, straight, GL 14, FPM seal Content: Hose barbs, cap nuts, seals.	040296	
Seals, set. 10 pcs, for hose barbs GL 14, FPM, green	040040	

## Maintenance kits

	Order no.
Preventive maintenance kit	11073067
Customer Kit for Dist Line	11073025

## Cable and tubing

	Order no.	Image
Hose to NaOH/ H <sub>2</sub> O/H <sub>3</sub> BO <sub>3</sub> pumps or drain (2 m)	11072687	
Hose clip to NaOH/H <sub>2</sub> O/ H <sub>3</sub> BO <sub>3</sub> pumps or drain	043841	
Suction to tube tank (0.58 m)	043407	
Silicone hose D6/9 L=3 m	048355	





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