

# klärcontrol®

400&500 series

## The next generation of control units

Discover the advantages of the new klärcontrol®



The next generation of klärcontrol® 400&500 series is more user-friendly for operators and maintenance companies by a standard touch operation. Intuitive, simple and clear. And above that, an entire range of new possibilities....

### The highlights at a glance

#### Touch operation as standard

*WiFi-comfort exceeds key operation*

- integrated webserver – no app installation required
- user-friendly and intuitive menu navigation
- access via WIFI and integrated webserver
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- with smartphone/tablet/laptop/PC etc. (manufacturer-independent)
- controlling via touch operation
- range up to 100 meters in the free field
- operation directly at the tank or conveniently from your couch



#### Telecontrol

*Professional operation and monitoring*

- enables predictive maintenance
- increases the customer service
- via WiFi or GSM
- operation world-wide and in real time via webplatform



#### Remote monitoring / telemetry

*Proven technology in use for more than 10 years*

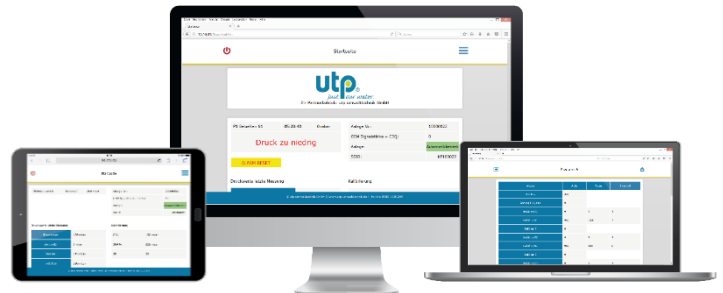
- via WiFi or GSM
- significantly increases the operating reliability
- independently tested and approved
- enables reduced maintenance frequency
- enables the omission of operator checks
- enables accessibility
- free push mail feature as standard
- world-wide and anytime via homebook-cloud



## Technical data at a glance

# klärcontrol

400&500 series



Display	- integrated webserver
Operation	- touch operation via external WIFI-enabled terminal - as option: additionally via touchpanel - concurrent operation with 2 devices is possible
Navigation keys	- 2 push buttons
Visual output	- 4 LEDs
Acoustic output	- audio output, spoken in different national languages
Interface	- WIFI - USB - S0 impulse interface for smart meter
WIFI-module	- client-/ router function
Remote monitoring	- digital / bidirectional data traffic - via GSM / IP connection in the mVPN network - via WIFI
Remote operation	- via GSM / IP connection in the mVPN network - via WIFI
Updates	- via USB - via WIFI - via GSM
Digital inputs	- 3 digital inputs for e.g. home automation
Analog inputs	- 1 analog input 4-20 mA, e.g. for level measuring sensor
Digital outputs	- 1 digital output e.g. for multiple reactor systems
Relay output	- 8 x 230 Volt e.g for external alarm lamp
Other outputs	- power alarm function by e-Mail (standard)
Filling level measurement	- continuous, hydrostatic and maintenance-free compressed air measurement - level measurement 4-20 mA analog input
Programs	- 8 programs with automatic recognition of - start-up operation - overload operation - normal load operation - underload operation - recirculation operation
Time setting	- preset - RTC battery-buffered
Event memory	- > 2000 messages - download function as CSV-file via WIFI or GSM
Extension modules	- hygienisation +H - phosphate elimination +P - telemetry - cashlock®
Power supply	- 230 VAC and 2 x AA batteries
Protection class	- IP 53

Date of print 05/2022