

★ Smart Bore Hole

Controller with microprocessor for controlling up to 2 pump single or three-phase wastewater pumps. Bore Hole controller allows you to manage your system, configure the parameters, logs events and messages with practically and multifunctional. (Emptying, filling clean water applications)

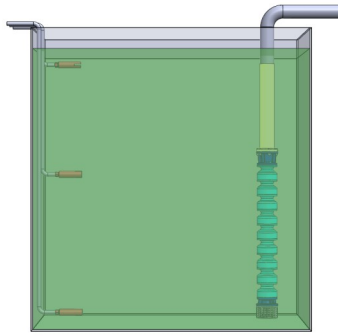


- ◇ Smart Bore Hole Panels are mounted in a specially designed IP 55 box that made of ABS material.
- ◇ Easy and quick set-up features with navigation buttons and readable LCD display
- ◇ Different types of connections to start and stop motor such as; pressure switches, float switch or level electrode

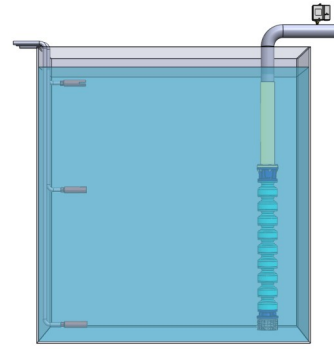
Technical Features

- Thermoplastic (ABS) / IP 55
- Main switch with locking mechanism
- Power supply 1-50/60Hz 230V $\pm\%15$
- Power supply 3-50/60Hz 400V $\pm\%15$
- 128 x 64 LCD Graphical Display
- Green LED for Motor Running / Red LED for failures
- Input for start command (level electrode)
- Volt, Ampere, Alarms, Events and Date & Time Screen on Home Page
- Displays Auto—Man Status
- Protections and Failures;
 - Motor Overcurrent / Low current (Adjustable)
 - Phase Loss and incorrect sequence
 - Min / Max Voltage (Adjustable)
 - Motor starting time
 - Over Float function
 - Dry running protection
- Motor protection fuses
- Displays pump run time
- Display and adjust to Maintenance time
- Password protection for un-authorized people access.
- USB port for downloading failures, messages, events and alarms with date&time. (Last 500)
- MODBus Connection

Applications



Level Electrode



Level Electrode and Pressure Switch

Technical Data

Smart Bore Hole 1

Smart Bore Hole 1		VOLTAGE	MAX POWER		CURRENT		BOX DIMENSIONS				WEIGHT
	CODE	V-	kW	Hp	Range (A)	Max (A)	D	E	G	Material	KG
Smart Bore Hole 1 / Mono	1051	1 - 230	2.2	3	0-18	18	310	250	130	ABS	
Smart Bore Hole 1 - 4/ Tri	13001	3 - 400	4	5.5	0-8.6	8.6	310	250	130	ABS	
Smart Bore Hole 1 - 5.5 / Tri	13002	3 - 400	5.5	7.5	0-11.6	11.6	310	250	130	ABS	
Smart Bore Hole 1 - 7.5 / Tri	13003	3 - 400	7.5	10	0-15.8	15.8	310	250	130	ABS	
Smart Bore Hole 1 - 11 / Tri	13004	3 - 400	11	15	0-25	25	310	250	130	ABS	
Smart Bore Hole 1 - 15 / Tri	13005	3 - 400	15	20	0-32	32	310	250	130	ABS	

Smart Bore Hole 2

Smart Bore Hole 2		VOLTAGE	MAX		CURRENT		BOX DIMENSIONS				WEIGHT
	CODE	V-	kW	Hp	Range	Max	D	E	G	Material	KG
Smart Bore Hole 2 / Mono	1061	1 - 230	2.2	3	0-18	18	310	250	130	ABS	
Smart Bore Hole 2 - 4/ Tri	13201	3 - 400	4	5.5	0-8.6	8.6	310	250	130	ABS	
Smart Bore Hole 2 - 5.5 / Tri	13202	3 - 400	5.5	7.5	0-11.6	11.6	310	250	130	ABS	
Smart Bore Hole 2 - 7.5 / Tri	13203	3 - 400	7.5	10	0-15.8	15.8	310	250	130	ABS	
Smart Bore Hole 2 - 11 / Tri	13204	3 - 400	11	15	0-25	25	310	250	130	ABS	
Smart Bore Hole 2 - 15 / Tri	13205	3 - 400	15	20	0-32	32	310	250	130	ABS	

*It is possible to realize the panel for 18.5 kW and largest capacity according to demand

**Please contact us for custom design production

Optional Accessories

Floater



Model	mt
F-S/5	5
P-T/10	10
P-T/15	15
P-T/20	20

Level Electrode



Model	Voltage (V)	Range
L-E/5	12	10 Bar

Pressure Switch



Model	Range	Range Settings
P-S/10	1-5 Bar	10 Bar
P-S/16	3-12 Bar	16 Bar
P-S/25	2-14 Bar	25 Bar