

CONTROLLERS AND ANALYSERS



AE-START +

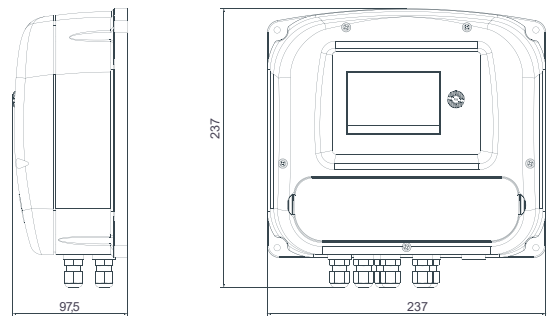
✓ Technical features

- Multi parametric measuring units for control and regulation of chemical / physical water parameters such as pH, Redox (ORP), Free Chlorine / Total Chlorine and conductivity
- Standard power supply: 100-240V AC
- Protection rating: IP55 (Casing)
- 128 x 64 pixel backlight graphic display, simple user interface by means of encoder
- Basic or Expert programming mode
- Setpoints with independent adjustment in ON-OFF or Proportional mode
- Hysteresis adjustment
- Acid / alkaline (pH), Oxidant / Reductive (RX), Direct /inverse (Chlorine / Conductivity) functioning mode
- Level probe, proximity sensor and temperature probes (PT100 / NTC) inputs
- 4-20 mA proportional outputs with adjustable range by user
- Priming mode
- RS485 output
- Assisted calibration of the probes
- Quality verification of pH and Redox probes

Package dimensions:

- L 295mm x H 160mm x W 350mm
- Weight: 1.2kg

📏 Dimensions



TECHNICAL FEATURES	AE START 1 +	AE START 2 +	AE START 3 +
PARAMETERS	1	2	3
DISPLAY RESOLUTION	128 X 64		
OUTPUTS RELAY	4	6	8
SETPOINTS	2	3	4
TEMPERATURE PROBE	PT100		
MA OUTPUTS	1	2	3
AUXILIARY RELAY	1	2	3
ALARM RELAY	1	1	1
LEVEL PROBE INPUTS	1	2	3
PROXIMITY SENSOR INPUT	Yes		
ON-OFF MODE	Yes		
PROPORTIONAL MODE	Yes		
OVERDOSING ALARM	Yes		
TIMER	Yes		
RS485 MODBUS CONNECTION	Upon request		
WI-FI/ETHERNET external moduleA	Upon request		
REMOTE ACCESS SOFTWARE	Upon request		

🔍 Models

PRODUCT CODE	STANDARD VERSION
ADES1PH	Single parameter controller AE START1+ pH(RX)+T
ADES1CL	Single parameter controller AE START1+ CL(J)+T
ADES1CD	Single parameter controller AE START1+ CD+T
ADES2PHRX	Two parameters controller AE START2+ pH+RX+T
ADES2PHCL	Two parameters controller AE START2+ pH+CL(J)+T
ADES2PHCD	Two parameters controller AE START2+ pH+CD+T
ADES3PHRXCL	Three parameters controller AE START3+ pH+RX+CL(J)+T

Models (Cont'd)

AVAILABLE MODELS

WITH 1 CONTROL

AE START1+ PH(RX)

Single parameter controller for pH (0 ÷ 14 pH) or Redox (0 ÷ ± 2000 mV) measurement and regulation.

AE START1+ CL(J)

Single parameter controller for free Chlorine measurement and regulation for open cell amperometric probes Pt-Cu (0 ÷ 10 ppm) or free Chlorine / Total Chlorine membrane type probes (0 ÷ 2000 ppm) with mA or mV input signal.

AE START1+ CD

Single parameter controller for Conductivity measurement and regulation for resistive type probes with K factor K=1, K=5 (0 ÷ 20000 µS).

WITH 2 CONTROL

AE START1+ PH(RX)

Multi parameter controller for pH (0 ÷ 14 pH) and Redox (0 ÷ ±2000 mV) measurement and regulation.

AE START2+ PH+CL(J)

Multi parameter controller for pH (0 ÷ 14 pH) and free Chlorine measurement and regulation for open cell amperometric probes Pt-Cu (0 ÷ 10 ppm) or free Chlorine / Total Chlorine membrane type probes (0 ÷ 2000 ppm) with mA or mV input signal.

AE START2+ PH+CD

Multi parameter controller for pH (0 ÷ 14 pH) and Conductivity measurement and regulation (0 ÷ 20000 µS).

WITH 3 CONTROL

AE START3+ PH+RX+CL(J)

Multi parameter controller for pH (0 ÷ 14 pH), Redox (0 ÷ ±2000 mV) and free Chlorine measurement and regulation for open cell amperometric probes Pt-Cu (0 ÷ 10 ppm) or free Chlorine / Total Chlorine membrane type probes (0 ÷ 2000 ppm) with mA or mV input signal.



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