



Automation Progetti



- ITALIAN MANUFACTURER -

since 1975

TURBIDITY ANALYSER

AP600



AP600
FIELD VERSION



AP600
RACK VERSION



AP620 (Untreated Water)
MEASURE CELL



AP610 (Treated Water)
MEASURE CELL

TECHNICAL DATA

ANALYSER AP600

Manufacturer : Automation Progetti
 Version : industrial HI-TECH microprocessor based (C-MOS), with non-volatile memory (EEPROM) – **i.c.s. with sockets HR**
 Mounting : field or front panel
 Casing : in plastic material with transparent door (field version) ; aluminium rack size (front panel version)
 Measurement range : 0 ÷ 10 / 100 / 1000 NTU (others on request)
 Full scale : programmable by keyboard
 Keyboard : 16 keys, antidust, multicolor with access key
 Languages : Italian / English
 Visualization : alphanumeric programmable on LCD (2 rows x 16 characters)
 Input signal : from nephelometric cell AP610
 DC output : 4 ÷ 20 mA galvanically insulated active (max 600Ω) ; 4 ÷ 20 mA galvanically insulated passive (10 ÷ 30 Vdc)
 Digital outputs : N° 4 with N.O. contact (max 50 Vdc - 0,2 A) programmable by keyboard as alarm sets
 Damping : programmable by keyboard
 Accuracy : ± 1 % F.S.
 Auto-test : with failure alarm on LCD
 Connections : with terminal block and PG11/PG13,5 fittings cable
 Anticondensate device : built-in
 Autocleaning device : for cell washing control (optional)
 Electric protection : line filters, fuses, varistors on power supply (CE)
 Mec. protection : IP 65 (field); IP55 (rack) (CEI EN 60529)
 Ambient temperature : -10 ÷ 50 °C (-20 ÷ 60 °C)
 Humidity : 4 ÷ 95 % (non condensing)
 Supply voltage : std 220/110 Vac ± 10 % (3W) ; others on request
 Dimensions : W240 H210 D110 mm (field version) ; W213 H128 D200 mm (panel version)
 Burn-in : 120 hours
 MTBF : 100.000 hours
Optionals : serial output RS232 or 485 for data transmission to supervision / programming unit or for local printer;
 : N° 2 digital outputs (5A-110Vac/dc) for autocleaning;
 : frame 3U for 19" rack assembling;
 : anti-tampering sealing of cover (field version);
 : **special functions on request**

EFFLUENT CELL FOR THE MEASUREMENT OF TURBIDITY MOD. AP610-AP620

Measurement system : Nephelometric
 Measurement range : 0 ÷ 10 / 100 / 1000 NTU (others on request)
 Sensitivity : 0,1 / 1 NTU
 Protection : IP66 (CEI EN 60529)
 Body cell : no-toxic PVC
 Supply voltage : from the analyser AP600
 Flow : 2 ÷ 3 l/min
 Humidity : 100%
 Working temp. : -10 ÷ 60 °C
 Dimensions : H 250mm ; D 100mm
 Weight : 1 Kg
 Burn-in : 120 hours
 MTBF : 100.000 hours
Optional : manual or automatic auto-cleaning device
 : personal versions

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Versione italiana	
English version	X

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