

Administrator:

Bulgarian association for transfer of technologies and innovation – Varna

In brief:

The system:

Multiparameter station for measuring dust particles, meteorological parameters and noise

Location: Varna

When : June 2020

Project : ALERT “Black sea joint Environmental Monitoring and Protection”

Important!

The station measures all parameters simultaneously - PM10, PM2.5, PM1, TSP, noise, wind speed and direction, temperature and relative humidity

Important!

The data is transmitted telemetrically in real time

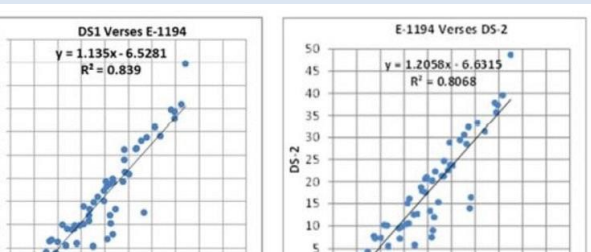
Important!

Measurements are available from anywhere in the world

Dust Sentry is a specially designed, robust, integrated and ready-made solution designed for optimal performance in harsh environments. For this purpose, it has a housing with IP65, with solar shielding bumper and highly reflective powder coating to reduce the thermal impact on the measurement and components. Robust instrument designed to work in the toughest environments, operating range from -10 ° C to +50 ° C.

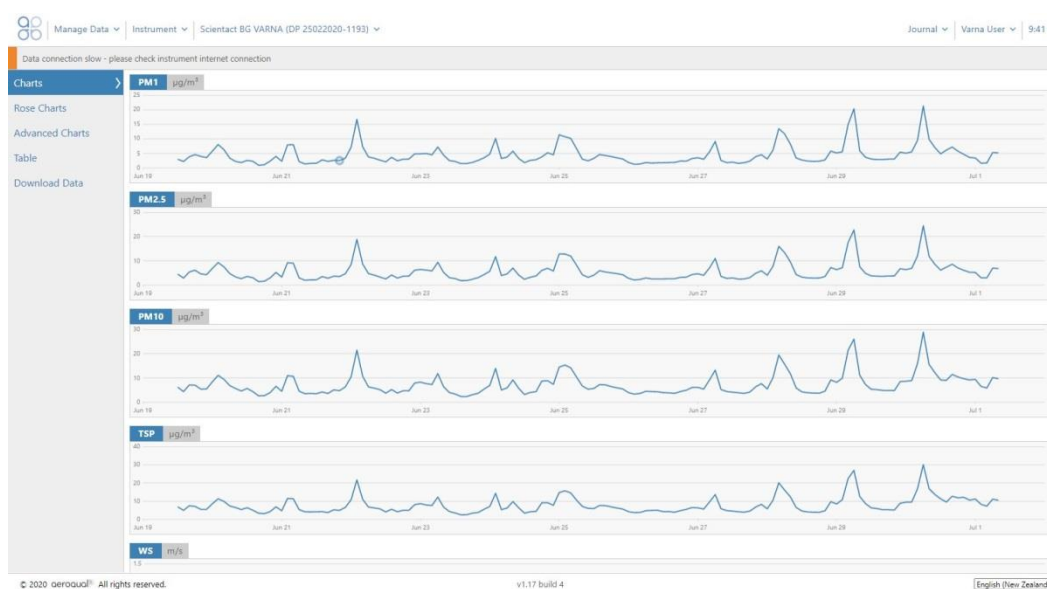


It has a built-in heated input to reduce the influence of humidity on the measurement of dust particles. Wireless and cellular data transfer for remote access. Possibility for WIFI tool network.



Software

With Aeroqual Cloud, customers can access, analyze and report their data in real time, as well as view all their monitors on a map, knowing exactly how they present themselves and when they need to be serviced. Our technical support team can even remotely troubleshoot, monitor and update settings, minimizing downtime. It is not necessary to walk on the spot too often to work smoothly and efficiently. Real-time data access allows real-time alerts (SMS, email) and improved reduction of environmental threats.



<div> Manage Data ▼ Instrument ▼ Scientact BG VARNA (DP 25022020-1193) ▼ </div> <div> Data connection slow - please check instrument internet connection </div> <div> Charts <div> Rose Charts Advanced Charts Table Download Data </div> </div>										
From <input type="text" value="19/06/2020"/> To <input type="text" value="01/07/2020"/>		Averaging period <input type="text" value="Daily"/>		<input type="button" value="Update"/>						
Time	PM1 µg/m³	PM2.5 µg/m³	PM10 µg/m³	TSP µg/m³	WS m/s	WD °	PRESS hPa	AIR T °C	AIR RH %	Leq dBA
1/07/2020 12:00 a.m.	3.49	5.05	8.37	9.73	0.37	182.0	1006.7	23.6	58.4	68.3
30/06/2020 12:00 a.m.	7.56	9.27	12.46	13.76	0.39	182.0	1003.2	26.0	61.3	69.7
29/06/2020 12:00 a.m.	6.35	7.67	9.84	10.63	0.47	182.0	1004.8	23.9	64.8	69.4
28/06/2020 12:00 a.m.	5.38	6.53	8.20	8.61	0.39	182.0	1009.9	23.2	60.7	69.3
27/06/2020 12:00 a.m.	3.50	4.62	6.18	6.58	0.46	182.0	1013.2	22.7	69.6	69.7
26/06/2020 12:00 a.m.	1.99	2.87	4.31	4.73	0.66	182.0	1014.5	23.8	63.8	69.9
25/06/2020 12:00 a.m.	5.62	6.94	8.74	9.12	0.52	182.0	1013.9	22.6	77.8	69.5
24/06/2020 12:00 a.m.	4.35	5.49	6.99	7.33	0.40	182.0	1009.8	21.6	77.2	69.7
23/06/2020 12:00 a.m.	3.51	4.41	5.53	5.82	0.43	182.0	1004.8	21.3	81.0	69.3
22/06/2020 12:00 a.m.	5.03	5.98	7.55	7.93	0.43	182.0	1002.3	21.0	72.3	69.2
21/06/2020 12:00 a.m.	3.24	4.14	5.50	5.92	0.45	182.0	1001.0	20.7	71.3	69.3
20/06/2020 12:00 a.m.	3.44	4.40	6.05	6.59	0.43	182.0	1002.5	23.2	64.8	69.4
19/06/2020 12:00 a.m.	3.61	4.68	5.99	6.32	0.38	181.9	1003.2	22.3	74.0	71.6

aeroqual

SA SCIENTACT

Contact info
Thessaloniki:

16 Kanari str., 54644
Thessaloniki, Makedonia - Hellas
Tel: +30 2310 946.126
Fax: +30 2310 947.005
scientact@scientact.com.gr
www.scientact.com.gr

Contact info
Athens:

14 Etolias str., 15231
Halandri, Athens - Hellas
Tel: +30 210 67.28.585
scientact@scientact.com.gr
www.scientact.com.gr