

GBORoughometer



Description

GBORoughometer designed to retrieve and provide road roughness data (IRI) with types of pavement such as concrete, asphalt, and soil.



Application

- Provides objective data for evaluation of level values road roughness.
- Monitor the downtrend or uptrend level of road roughness, for supervision and maintenance benefit.
- Compare and analyze the types of roads that need improvement

Features

- Friendly User
- Simple Installation
- Multi-format reports available including Photo, tables, graph, GPS maps and .CSV files.
- Integrated Photo, GPS location with every output IRI
- Accurate and repeatable outputs regardless of vehicle type



Components



Bracket



Camera



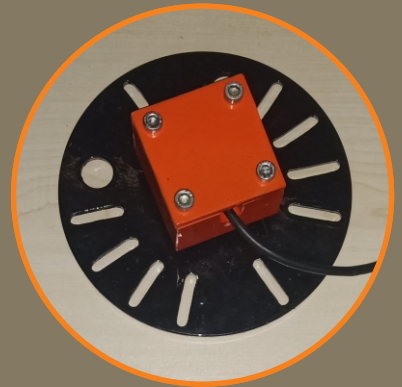
Main Unit



**Roughness
Sensor**



GPS



DMI



Controller



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PT. GEOCIPTA BANGUN OPTIMA



Komplek Tamansari Bukit Bandung
Blok Ruko R5 Kav. No.18, Sindangjaya,
Mandalajati, Kota Bandung 4019



(022)-63736134

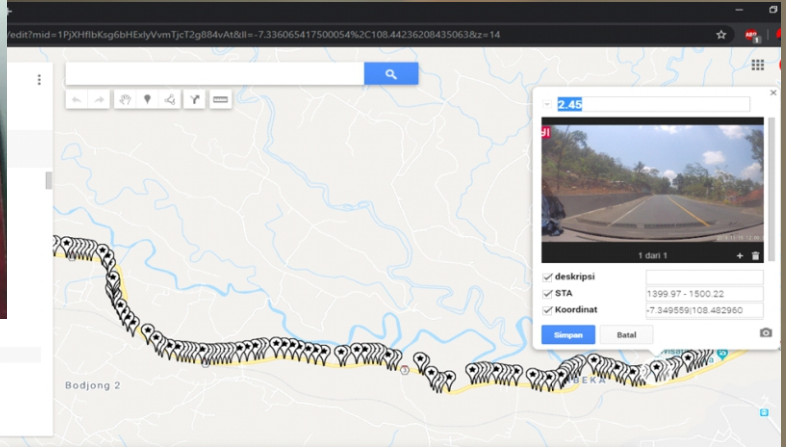


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Acquisition Software



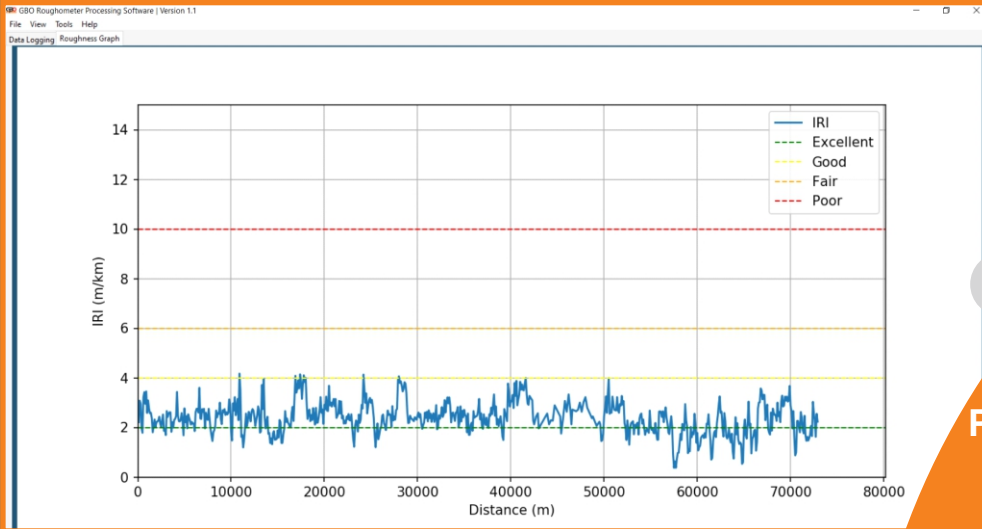
Processing Software

GBO Roughometer Processing Software | Version 1.1

File View Tools Help

Data Logging Roughness Graph

No.	Datetime	Jarak(m)	Accel(g)	Koordinat	Vgps	Tipe Perkerasan	Keterangan	Distance	Koordinat	Speed	IRI
1	19/11/2019 13:48	0.32	-1.05	-	-	Aspal	Normal	0 - 100.0	-7.319221 108.314640	31.89	2.21
2	19/11/2019 13:48	0.63	-1.13	-	-	Aspal	Normal	100.0 - 200.0	-7.319106 108.314220	38.52	3.08
3	19/11/2019 13:48	0.95	-1.06	-	-	Aspal	Normal	200.0 - 299.99	-7.318977 108.313770	33.26	2.95
4	19/11/2019 13:48	1.26	-1.14	-	-	Aspal	Normal	299.99 - 399.99	-7.318844 108.313250	8.04	1.97
5	19/11/2019 13:48	1.58	-1.4	-	-	Aspal	Normal	399.99 - 499.99	-7.318738 108.312860	27.61	1.78
6	19/11/2019 13:48	1.89	-0.95	-	-	Aspal	Normal	499.99 - 599.99	-7.318592 108.312360	41.17	3.21
7	19/11/2019 13:48	2.21	-0.85	-	-	Aspal	Normal	599.99 - 700.57	-7.318592 108.312360	41.17	3.42
8	19/11/2019 13:48	2.52	-1.12	-	-	Aspal	Normal	700.57 - 799.98	-7.318330 108.311450	48.56	2.95
9	19/11/2019 13:48	2.84	-0.91	-	-	Aspal	Normal	799.98 - 899.98	-7.318217 108.311080	51.47	3.45
10	19/11/2019 13:48	3.16	-0.87	-	-	Aspal	Normal	899.98 - 999.98	-7.318070 108.310590	51.67	2.58
11	19/11/2019 13:48	3.47	-0.86	-	-	Aspal	Normal	999.98 - 1099.9	-7.317923 108.310080	51.34	3.09
12	19/11/2019 13:48	3.79	-1.06	-	-	Aspal	Normal	1099.98 - 1200.	-7.317923 108.310080	51.34	2.76
13	19/11/2019 13:48	4.1	-1.21	-	-	Aspal	Normal	1200.11 - 1300.	-7.317923 108.310080	51.34	2.57
14	19/11/2019 13:48	4.42	-1.09	-	-	Aspal	Normal	1300.15 - 1400.	-7.317923 108.310080	51.34	2.59
15	19/11/2019 13:48	4.73	-1.01	-	-	Aspal	Normal	1400.18 - 1499.	-7.317132 108.307370	31.17	2.37
16	19/11/2019 13:48	5.05	-1.37	-	-	Aspal	Normal	1499.9 - 1600.2	-7.317132 108.307370	31.17	1.80
17	19/11/2019 13:48	5.36	-0.77	-	-	Aspal	Normal	1600.26 - 1699.	-7.317132 108.307370	31.17	2.07
18	19/11/2019 13:48	5.68	-1.03	-	-	Aspal	Normal	1699.97 - 1799.	-7.316988 108.306880	35.98	2.32
19	19/11/2019 13:48	6	-1.1	-	-	Aspal	Normal	1799.96 - 1899.	-7.316867 108.306470	32.15	2.02
20	19/11/2019 13:48	6.31	-0.91	-	-	Aspal	Normal	1899.96 - 1999.	-7.316751 108.306030	38.63	2.21
21	19/11/2019 13:48	6.63	-0.99	-	-	Aspal	Normal	1999.96 - 2099.	-7.316621 108.305590	34.48	2.24
22	19/11/2019 13:48	6.94	-0.88	-	-	Aspal	Normal	2099.96 - 2199.	-7.316473 108.305080	36.39	2.28
23	19/11/2019 13:48	7.26	-1.12	-	-	Aspal	Normal	2199.96 - 2299.	-7.316346 108.304640	34.06	2.43
24	19/11/2019 13:48	7.57	-0.92	-	-	Aspal	Normal	2299.95 - 2400.	-7.316346 108.304640	34.06	2.15
25	19/11/2019 13:48	7.89	-1.16	-	-	Aspal	Normal	2400.23 - 2500.	-7.315964 108.303340	34.67	2.01
26	19/11/2019 13:48	8.2	-1.18	-	-	Aspal	Normal	2500.26 - 2599.	-7.315964 108.303340	34.67	2.28
								2599.9 - 2699.	-7.315831 108.302890	37.97	2.52
								2699.9 - 2799.	-7.315673 108.302380	34	1.86
								2799.9 - 2899.	-7.315560 108.301990	31.17	1.95
								2899.9 - 2999.	-7.315434 108.301490	29.72	1.69
								2999.9 - 3100.	-7.315434 108.301490	29.72	2.66
								3100.1 - 3200.	-7.315434 108.301490	29.72	2.42
								3200.1 - 3300.	-7.315434 108.301490	29.72	2.42
								3300.1 - 3400.	-7.314802 108.299230	41.1	
								3400.1 - 3499.	-7.314802 108.299230	41.1	



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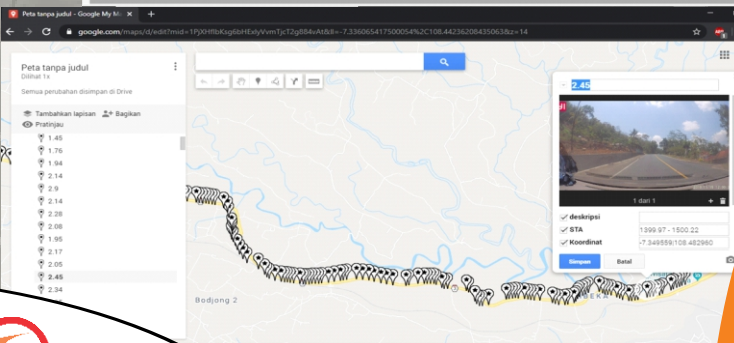
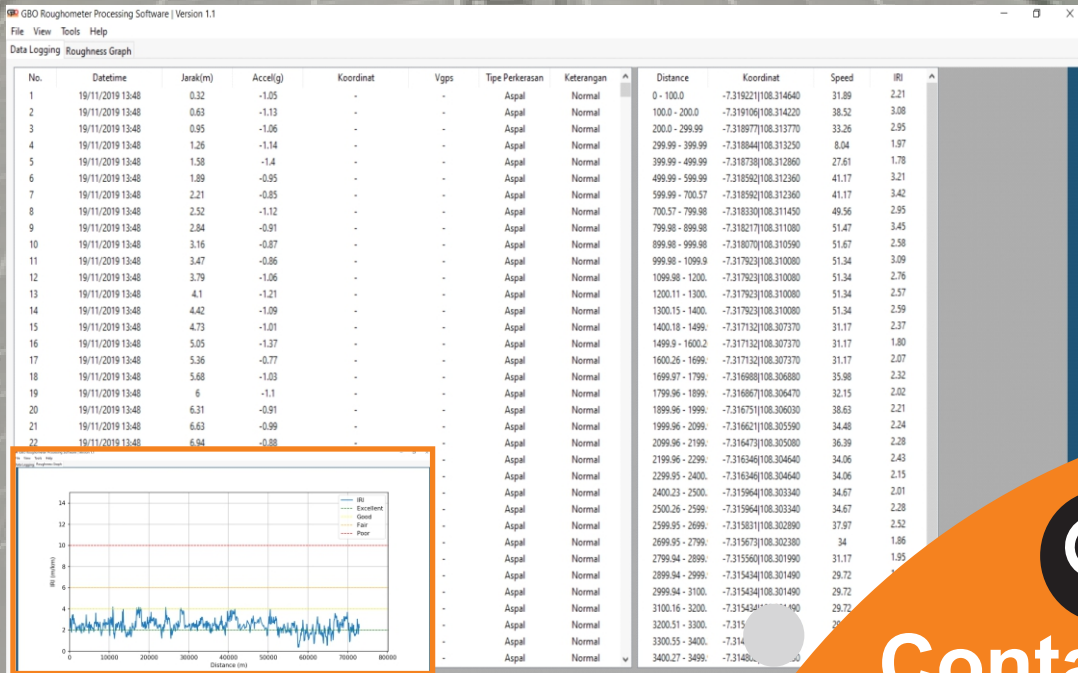
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