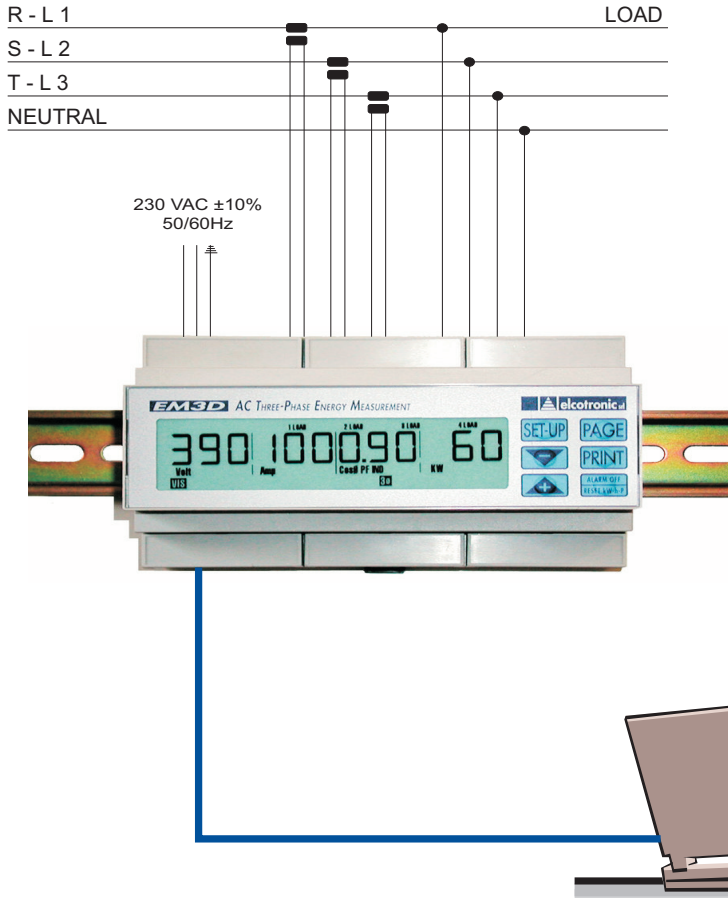


## Three-phase analyzer for unbalanced loads

- 32KB memory with a capacity to store 480 to 2975 lines of all parameters
- 38 parameters displayed on your PC
- measurements in true RMS value
- allows processing series of measurement
- RS232 connection
- outfitted software package to download memory
- Max distance from your PC: 2-3 metres
- One EM3 unit at a time can be connected.



Energy analyzer EM3-T28/232 allows monitoring your electrical system and check power consumptions.

The analyzer is installed in the electrical cabinet and in the various departments of a manufacturing plant, especially where there is no dedicated line for a network.

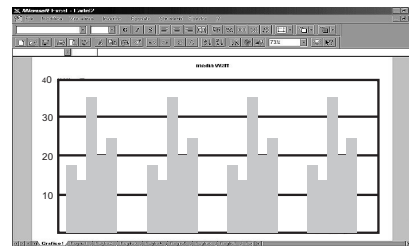
Collected data is logged, stored in memory and can be downloaded into a laptop computer through an RS232 serial output.

Back in your office, you can display and process collected data to make reports and graphs showing consumption patterns and demand levels.



Example of formatted data using Excel

Date	Time	V3Ph	A3Ph	Cos 3Ph	W3Ph	V/L1	V/L2	V/L3	AL/L1	AL/L2	AL/L3	Cos L1	C
21/05/97	14.08.04	385	89.4	1	3000	210	210	210	89.2	89.2	89.2	1	
21/05/97	14.08.08	381	142	1	4400	200	210	200	142	143	143	1	
21/05/97	14.08.12	381	112	1	7400	200	210	200	112	113	113	1	
21/05/97	14.20.34	381	89.4	1	3900	200	200	200	89.3	89.3	89.3	1	
21/05/97	14.21.05	381	89.5	1	7000	200	200	200	89.3	89.3	89.3	1	
21/05/97	14.21.46	378	142	1	3100	210	210	210	142	143	143	1	
21/05/97	14.21.58	379	112	1	7900	210	210	210	112	113	113	1	
21/05/97	14.23.26	376	88	1	3000	210	210	210	88.4	88.4	88.4	1	
21/05/97	14.23.59	379	89.7	1	6000	210	210	210	89.2	89.2	89.2	1	
21/05/97	14.24.04	379	89.1	1	7900	210	210	210	89.4	89.4	89.4	1	
21/05/97	14.24.46	375	142	1	3300	210	210	210	142	143	143	1	
21/05/97	14.25.08	380	112	1	7900	210	210	200	112	113	113	1	
21/05/97	14.26.37	381	89.4	1	3900	200	200	200	89.3	89.3	89.3	1	
21/05/97	14.27.04	381	89.5	1	3900	200	210	200	89.3	89.3	89.3	1	
21/05/97	14.27.44	381	145	1	3400	200	200	200	145	145	145	1	
21/05/97	14.29.58	381	113	1	7400	200	210	200	113	113	113	1	
21/05/97	14.29.09	379	89.1	1	3400	210	210	210	89.2	89.2	89.2	1	
21/05/97	14.30.04	381	89.4	1	3900	200	200	200	89.2	89.2	89.2	1	
21/05/97	14.30.45	378	142	1	3100	210	210	210	142	143	143	1	
21/05/97	14.31.55	380	112	1	7300	210	210	200	112	113	112	1	



Data files can be easily e-mailed to an expert who is able to understand if loads should be shifted to better balance currents and avoid exceeding maximum demand, where capacitors should be placed to avoid penalties and make sure voltages are steady and well balanced. Reading consumption data every 15 minutes allows you to keep your electrical system under control and cut down energy wastes.