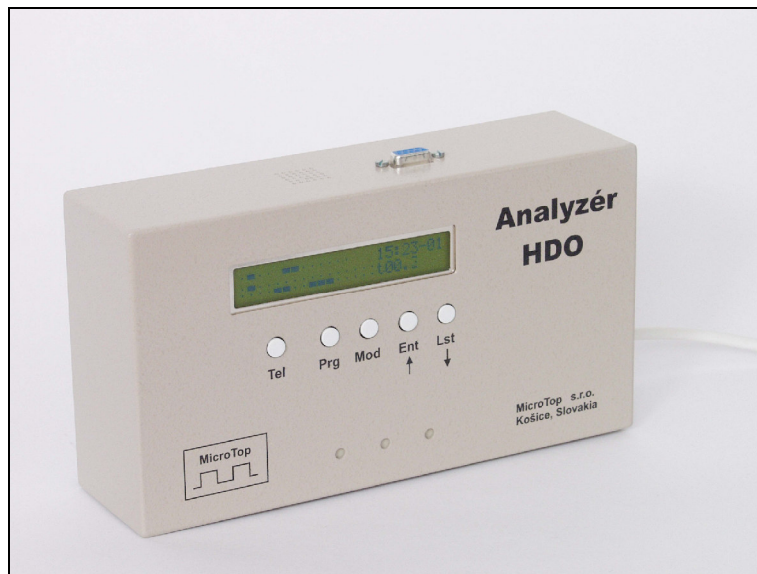


Ripple Control Analyzer



Ripple control (RC) Analyzer is an instrument which enables recording and analysis of the RC signal and analysis of the RC signal envelope curve.

Main functions:

1. Real time RC telegram registration

Each telegram registration contains :

- telegram code (registered pulses or spaces)
- reception time and date
- average voltage value of the received pulses (0.0 - 25.0V)
- mains voltage (110 - 250V)
- receiver sensitivity - adjustable with the keyboard from 0.1 to 3.0V with 0.1V step any time it is needed
- maximum error of the received pulses in the RC telegram, registered in the number of half-periods of basic harmonic according to raster of the telegram

2. Registration of power failures

Maximum power failure time without information loss is about six months.

- Memory capacity - 1776 of records in cycle memory
- USB output for USB memory stick to save up to 250000 telegram curves (Option)
- External input , additional measurement range (Option)

3. Selective voltmeter

Tone voltage value of the pulses is shown on the display .

4. PC registration of all RC telegram envelope curve

When the analyzer is linked to the PC and the application program is started, the analyzer transfers information into the PC about the development of the tone voltage. After the receipt of the valid start pulse the monitor starts plotting the envelope curve of the telegram. This envelope curve together with the information point 1. , is recorded on the PC harddisk. This type of record is important to recognise cross talk from another sources of RC signal.

The utility program of the RC Analyzer enables :

- data scanning and transfer from the Analyzer into the PC
- telegram envelope curve analysis
- registered data and the envelope curve printing
- saving envelope curves on disk (function as “memory oscilloscope”)

Analyzer dimensions : 22 x 12 x 6 cm

Analyzer frekvencies : 183 Hz, 191Hz, 217 Hz, 1060Hz or user defined

Telegram raster : ZPA I-I, ZPA I-M, (short or long), Ricontic B (VersaCom) or user defined

