**Cumulative Volume and Cumulative Volume Delta for MT5**

* This indicator shows up to 6 lines each of which can be hidden
  + Cumulative Volume (CV): the sum of the real (or tick if not available the real one) volume exchanged in the last N seconds where N is set by the user (or N minutes if the seconds granularity is not available)
  + Average on CV: the average over the last K candle periods, where K is freely set by the end user
  + Cumulative Volume Delta (CVD): the difference of the sum of ASK and BID volumes over the last Y seconds (or Y minutes if seconds granularity is not available)
  + Average on CVD: the average over the last Z candle periods, where Z is freely set by the end user
  + Cumulative Bid Volume
  + Cumulative Ask Volume
* The user can freely set the time in seconds on which CV and CVD are calculated, with two independent setting fields one for CV and the other for CVD
* The user can freely set the candle periods on which the CV and CVD average area calculated with two independent setting fields
* For the CVD the user can choose to be displayed
  + The actual delta
  + The % with respect to the total volume in the same period
  + The actual delta multiplied by the total volume in the same period
* The user can choose real or tick volumes
* Amendment on the CV and CVD calculation time (calculation time set to a value minor to the candlestick chart timeframe):
  + If the user set erroneously a time shorter than the current candle timeframe, the user setting is temporarily amended to the minimal timeframe of the current candle, that is in case of M.1 timeframe equal to 60 seconds.
  + If the user wrongs setting 180 seconds in M.5 timeframe and then go back to M.1, the forced amendment is recovered to 180 seconds by the indicator.
  + If the indicator forces a time period amendment this is shown in the displayed setting of the indicator.
* A central horizontal line is drawn for the zero oF the CVD (line style definable by the user).
* The zero of the CV is anyway on the base of the displayed area of the indicator
* The user can enable the mobile average line of the delta selecting at least among a linear average or exponential one. The average is on the already calculated volume delta point.