

Extremum Scalper – a fully automated Expert Advisor that uses a strategy of breakout/rebound from the levels of daily and local extremes, and the candle Highs/Lows, which are based on an analysis of tick volume and price peaks. EA shows good results in an active market. The tracking deal with a timer allows you to work on fast prices movements and make sending orders regardless of ticks.

Extremum Scalper <small>FREE</small>	
Symbol :	EURUSD.e
Trade Execution :	MARKET
Status :	Trade
Broker's Time :	22:13:59
Current LotSize :	0.09
Average Slippage :	0 / 0 pips
Daily P/L (11 trades):	1.98
Total P/L (34 trades):	14.72
Spread :	8

- Works in different markets with all trade execution modes.
- Does not use martingale or hidden methods of increasing volume position.
- The EA has 8 different calculation algorithms of the extremes.
- Uses protection against drawdown, slippage control and spread filter.
- Flexible settings allow you to create your own scalping strategy.

Basic settings:

- **Trade Direction** - set trade direction **Buy/Sell/Both**.
- **Maximum Risk 10 serial losses** – the maximum risk on a losing series of 10 orders in percent. If not zero - calculation of the volume of orders will be carried out automatically based on the size of account balance.
- **Fix LotSize** – fixed lot, used if **Maximum Risk 10 serial losses** = 0.
- **Maximum Daily Loss, Maximum Daily AverageSlippage** – the maximum allowable daily losses and slippage. If it is not equal to zero - when reach the specified values, the EA will take a trade pause and go into the standby mode until the next day.
- **Spread Filter** – Spread Filter. Disabled if set to 0.
- **Add Spread** – when turned on, the current value of the spread will be added to the stoploss, takeprofit and parameters of the trail. It is recommended to keep enabled.
- **Strategy** – Modes *Local Channel*, *DaysPlus Channel*, *Greed Channel* but differ in the number of concurrent levels. These modes are sensitive to spreads and the size of commissions on the account. *MaxPoint*, *Max Volume*, *Max Size*, *StaticSize* *CandleMix* modes are based on the search for the maximum values of the respective parameters of the current candle, the size of which is controlled by the setting **Extremum Candle Size**. These modes are more resistant to the size of spread, but the number of transactions on them is considerably less than in the previous mode.
- **Extremum Range** – the number of candles to search for extremes.
- **The Period of placing orders**– timeframe recalculation extremes. The period of time after which the EA checks conditions for placing new pending orders.
- **The Maximum Period of existence orders** - allows you to set the period during which there will be exist a pending order.
- **Minimum Distance of placing orders** – the minimum distance from the price to the point at which the order is placed. If zero - it will be calculated automatically based on the current spread.

- **High Correction, Low Correction** – distance from extremums to orders. It can take a positive or negative value.
- **StopLoss, TakeProfit, TrailingStop, TrailingStart** – the standard settings.
- **Second TrailingStop и Second TrailingStart** – the additional trail which starts after the first when the price is greater than the orders opening price on the value the **TrailingStart**.
- **Use Rebound orders** – use the strategy of the rebound from the extreme level.
- **Rebound place Mode** – mode of placing the rebound orders. *Candle* - the order will be placed on the High Low of the current candle. *Stop* - the order will be placed on stop-loss level of the main order.
- **Rebound TakeProfit, Rebound StopLoss, Rebound TrailingStop, Rebound TrailingStart** – the standard settings for rebound orders.
- **Start BrokerHour, Start BrokerMinute, End BrokerHour, End BrokerMinute** – time of the trade each day, and on Friday. Use a broker time.
-
- **The position tracking frequency** – an important setting responsible for the frequency of modification of open position. The EA code is written so that various calculations and checks occur in different event streams. When the stop order becomes an active position, the EA pays all the attention to the trade support in a loop with a frequency in milliseconds specified in this parameter. To properly adjust the frequency, look at the "Journal" tab of the terminal after the first trade. Check out the time during which the trading server has processed your order. Your setting will be equal to (this time) * 0.75. After the next deal, again check the log. It should not have errors of type [Too many trade requests]. If there are are - increase the frequency. There can be a few errors of type [invalid stoploss], it only means that sometimes order modification request is faster than the order state is added to the trade server log that allows you to modify the order without waiting for new ticks.
- **Trade LOG LEVEL** – is responsible for the amount of information output to a bookmark "Expert" and «Journal».
- **INFO** – on/off infobar.
- **Acceleration of the optimization and testing** - allows you to speed up the optimization and testing. If you enable this setting - **Maximum Daily Loss** and **Maximum Daily AverageSlippage** will not participate in the testing and optimization.

Addition

- Priority timeframe - **M30, H1**, currency pair - **EURUSD**.
- Do not forget to control the amount of slippage. On infobare it is displayed as Average Slippage and shows the average slippage of the day (the first value) and the average for all the time excluding the current day (the second value). The normal value should not exceed 3-4 pips.
- Recommended **Maximum Risk 10 serial losses** in the range of 1-2% for *LocalChannel, DaysPlusChannel, GreedChannel* and 5-10% for *MaxPoint, MaxVolume, MaxSize, StaticSize, CandleMix strategies*.
- The Expert Advisor uses the auto-detection of the number of decimal places, so the values of the settings are specified for 4-digit quotes (POINTS), which are automatically multiplied by 10 for 5-digit. The exception is **Maximum Daily AverageSlippage** and **Spread Filter** (pips), which should be specified in the minimum units of the price that will be comparable to what you see in the info bar.