

## SFE Night Scalper EA v2.4 (2016-03-20)

### GENERAL DESCRIPTION

This expert has his edge when enters at the contrary of a enough strong movement, in pairs and hours which this kind of 'breaks' has not sense, and his destination is to fail. Then, the price will tend to return to his center of gravity and the expert make his profit here.

Then, are two important factors to get good results with this expert:

1. Select a pair which the correlation between currencies is very high, and for this reason a lot of times the 'breaks' on this pairs tend to fail.
2. Select these hours out of 'big activity' hours, where the market has not fuel to do big continue big movements, and the movements happens always near a level, until the next day session begins. This hours are usually between final of New York session and the open of the Tokyo Session.

Another interesting fact of this system is that the results between different pairs or even different timeframes of the same pair are very low correlated, then is very intersenting select a portfolio of pairs and timeframes for run the system, because the merge of operations will tend to do a more sustained growth, getting low periods of stagnation and lower relative drawdowns.

And definitely this expert is completely different to SFE Price Action and Fire&Forget, then the merge of these experts in a porfolio is a great strategy to diversify.

Last point, while SFE Price Action and Fire&Forget are 100% preconfigured and you don't have to spend time on think your strategy and control the expert along the years, SFE Night Scalper expert is different, requires a minimal knowledge of the mechanics of forex, expert advisors and testing, and a minimal knowledge to define your own strategy and set your level of risk. At one hand, the conditions which make a pair and some hours very profitable at this moment may change with the time, then requires a periodical revision of the selection. In the other hand, there is not a 'best' strategy with this expert because there are a lot and I don't know which is the best. For some people the best strategy will be a very low risk with one pairs for a target of 100% yearly, and for others the strategy will be try to get this 100% monthly with high risk and a smart money management for face the big drawdowns.

### RECOMMENDED PAIRS AND TIMEFRAMES

For this version and in realtion at my own backtest from 2012, the pairs and timeframes I like are:

SFE Night Scalper R240 - Version 2.4 - 2016 03 20				
Recommended pairs and parameters				
Hours for a GMT+2/GMT+3 broker (ICMarkets, FxOpen...)				
Pair	Timeframe	Hours		
		Start	End	
EURCHF	5,15,30,60	18	6	
GBPJPY	5,15,30	23	1	
AUDCAD	5,15	23	1	
EURJPY	5	23	1	
GBPUSD	5	0	2	
EURGBP	5	23	1	
USDCHF	5	0	2	
USDJPY	5,15	23	2	
CHFJPY	5,15,30,60	22	1	

**Channel Period, Channel Multiplier, SL and TP multiplier:**  
Test and select your own values, in relation at your general strategy (1 or more waves, how many paris and timeframes...), and the risk you want to asume.

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## EXAMPLE

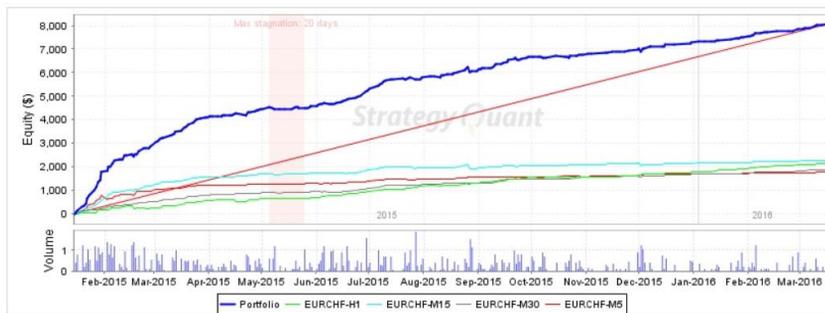
This is an example with the EURCHF pair on the four timeframes launching only 1 wave with the settings in the 'EURCHF-M5-M15-M30-H1-GMT+2GMT+3 broker' set file. The only thing in this file different from default settings are the hours to trade, which are from 18 to 6, for an GMT+2/GMT+3 broker, like ICMarkets, FxOpen, and the major part of brokers.

## Backtest

### EA ANALYZER PORTFOLIO REPORT

Portfolio

TOTAL PROFIT <b>\$ 8076.11</b>	# OF TRADES <b>1138</b>	SHARPE RATIO <b>0.47</b>	PROFIT FACTOR <b>4.19</b>	RETURN / DD RATIO <b>26.98</b>	WINNING % <b>76.19 %</b>
PROFIT IN PIPS 7574.32 PIPS	DRAWDOWN <b>\$ 299.37</b>	% DRAWDOWN <b>0.72 %</b>	DAILY AVG PROFIT <b>\$ 18.91</b>	MONTHLY AVG PROFIT <b>\$ 576.87</b>	AVERAGE TRADE <b>\$ 11.54</b>
YEARLY AVG PROFIT <b>\$ 6922.38</b>	generated by StrategyQuant EA Analyzer				



#### STRATEGIES IN PORTFOLIO

#	Name	Symbol	Timeframe	Net Profit (\$)	Net Profit (pips)	# of Trades	Sharpe Ratio	Profit Factor
S1	EURCHF-H1	EURCHF	H1	\$ 2130.35	2038.1 pips	288	0.5	4.54
S2	EURCHF-M15	EURCHF	M15	\$ 2278.84	1965.3 pips	321	0.5	3.99
S3	EURCHF-M30	EURCHF	M30	\$ 1876.92	1549.5 pips	291	0.58	4.52
S4	EURCHF-M5	EURCHF	M5	\$ 1790	2021.42 pips	238	0.39	3.83

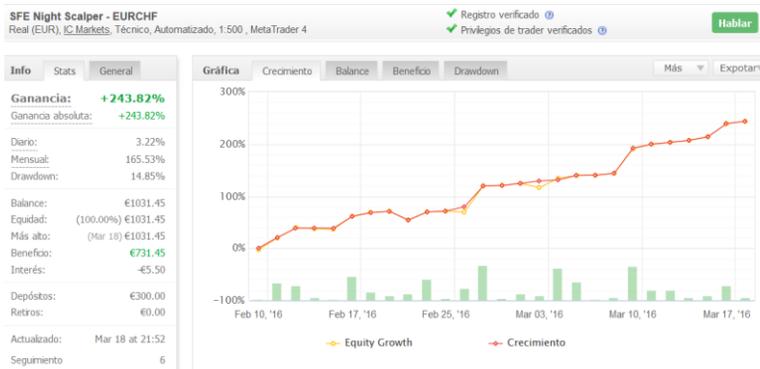
  

#	Name	Return / DD Ratio	Winning %	Drawdown	% Drawdown	Yearly avg. profit	Monthly avg. profit	Daily avg. profit
S1	EURCHF-H1	16.66	81.94 %	\$ 127.9	1.24 %	\$ 1826.01	\$ 162.17	\$ 5
S2	EURCHF-M15	12.04	71.96 %	\$ 189.2	1.57 %	\$ 1953.29	\$ 162.77	\$ 5.35
S3	EURCHF-M30	26.34	73.2 %	\$ 71.26	0.63 %	\$ 1608.79	\$ 134.07	\$ 4.41
S4	EURCHF-M5	5.98	78.57 %	\$ 299.37	2.8 %	\$ 1652.31	\$ 137.69	\$ 4.25

#### MONTHLY PERFORMANCE (\$)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2016	221.43	339.89	222.4	0	0	0	0	0	0	0	0	0	783.72
2015	1768.65	1099.79	1241.86	339.4	120.1	665.33	571.19	272.04	572.64	123.87	221.44	296.08	7292.39

## Live performance \*



\* This live test EURCHF, from feb.10, is not the exact representation of the backtest because launches more than one wave for every timeframe.

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### BACKTESTING. NOTHING HIDDEN INSIDE THE BAR

You can do the test of this expert with 'open prices only' and the backtest has almost 100% quality on his results. You will get 'almost' the same results with this 'rude' mode than with 'every tick' data. This is because the algorithms of the expert are write in a way that are not sensible of what happens inside a bar, and the way the expert sets the SL and TP also aren't not affected for what happens inside a bar. Then, for the expert, is the same work with only open prices than work with 100% quality tick data. Also for this reason, the expert only acts once per bar, make him a very lightweight CPU resources consumer in live, and can do the backtest very fast.

### 'Every Tick' Mode

Parameter	Value	Parameter	Value	Parameter	Value
Bars in test	90843	Ticks modelled	25722558	Modelling quality	90.00%
Mismatched charts errors	26				
Initial deposit	10000.00			Spread	20
Total net profit	1789.85	Gross profit	2423.26	Gross loss	-633.42
Profit factor	3.83	Expected payoff	7.52		
Absolute drawdown	97.40	Maximal drawdown	349.17 (3.24%)	Relative drawdown	3.24% (349.17)
Total trades	238	Short positions (won %)	121 (77.69%)	Long positions (won %)	117 (79.49%)
		Profit trades (% of total)	187 (78.57%)	Loss trades (% of total)	51 (21.43%)
		Largest profit trade	42.50	loss trade	-149.69
		Average profit trade	12.96	loss trade	-12.42
		Maximum consecutive wins (profit in mo...)	31 (466.75)	consecutive losses (loss in mo...)	4 (-31.34)
		Maximal consecutive profit (count of wi...)	466.75 (31)	consecutive loss (count of loss...)	-299.37 (2)
		Average consecutive wins	6	consecutive losses	2

### 'Open Prices only' mode

Parameter	Value	Parameter	Value	Parameter	Value
Bars in test	90843	Ticks modelled	180674	Modelling quality	n/a
Mismatched charts errors	0				
Initial deposit	10000.00			Spread	20
Total net profit	1789.84	Gross profit	2423.26	Gross loss	-633.43
Profit factor	3.83	Expected payoff	7.52		
Absolute drawdown	71.83	Maximal drawdown	338.87 (3.14%)	Relative drawdown	3.14% (338.87)
Total trades	238	Short positions (won %)	121 (77.69%)	Long positions (won %)	117 (79.49%)
		Profit trades (% of total)	187 (78.57%)	Loss trades (% of total)	51 (21.43%)
		Largest profit trade	42.50	loss trade	-149.69
		Average profit trade	12.96	loss trade	-12.42
		Maximum consecutive wins (profit in mo...)	31 (466.75)	consecutive losses (loss in mo...)	4 (-31.34)
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