

REFERENCE GUIDE FOR **CURRENCY PAIR TRADER (v 10.12)**

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1. Introduction

The software is developed with the objective to facilitate arbitragers / jobbers for fast trading in two different scripts in one key stroke. Based on individual visual inspection of the market difference between exchanges, arbitrage can take benefit of the gap using this software.

2. Application Configuration

Application Configuration sub menu is available under “Setting” menu. This form is used to set the manager IP and port that would be used by the client to connect to the manager.

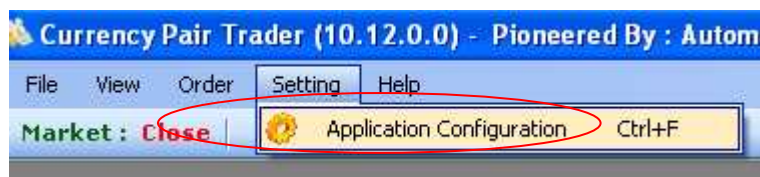
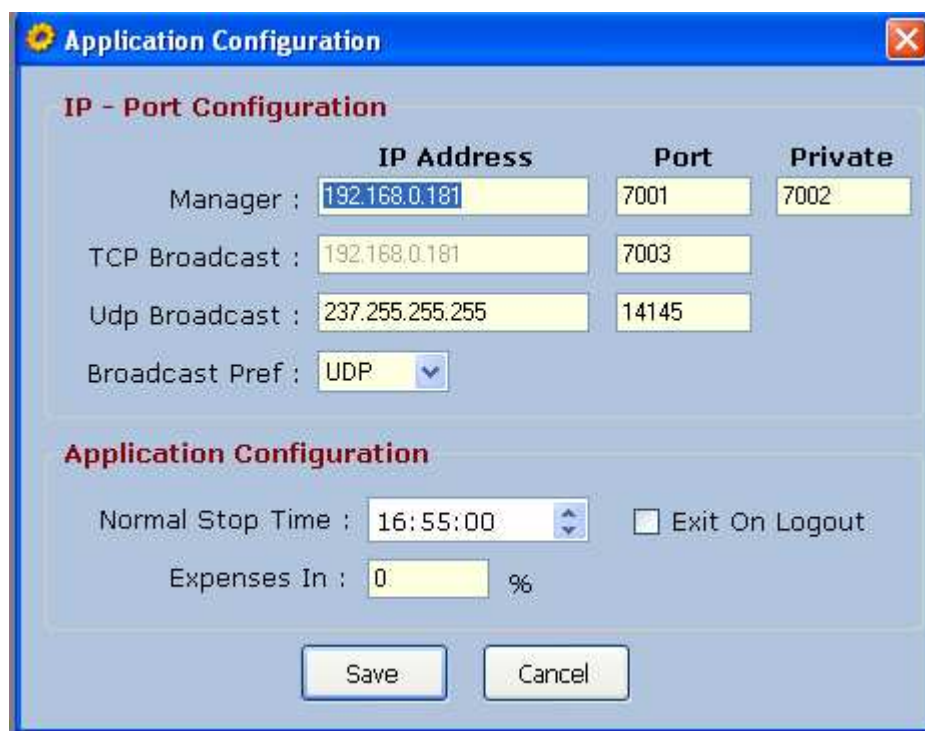


Fig 2.1. Navigation to Application Configuration



IP - Port Configuration			
	IP Address	Port	Private
Manager :	192.168.0.181	7001	7002
TCP Broadcast :	192.168.0.181	7003	
Udp Broadcast :	237.255.255.255	14145	
Broadcast Pref :	UDP		

Application Configuration	
Normal Stop Time :	16:55:00
Expenses In :	0 %
<input type="checkbox"/> Exit On Logout	

Save Cancel

Fig 2.2 Application Configuration form

If Manager is also running on the same machine then IP will be 127.0.0.1. UDP Broadcast IP should be same as mentioned in Manager. The user can also set the

General settings like the broad cast preference and the normal stopping time for the application.

3. Login and Change Password

3.1. *Login:*

Click on Login in the Client menu to invoke the Login window.



Fig 3.1.1 Navigation to Login

Enter Logon Id and Password created in User Management in Manager and then click on Login button. On successful login, trading window loads for the user or user is notified with the reason for unsuccessful login.



Fig 3.1.2 Login

3.2. *Change Password*

To change password, invoke the Login window, enter your Logon Id and Password and enter New Password in the text box provided below the Password and click the Login Button.



Fig 3.2.1. Confirm password

A new window will appear to confirm new password. Enter the new password again in the Confirm Password text box and then click on Change.

4. Contract Information

The user can click on Contract Information in the View menu, to invoke the Contract Information window.

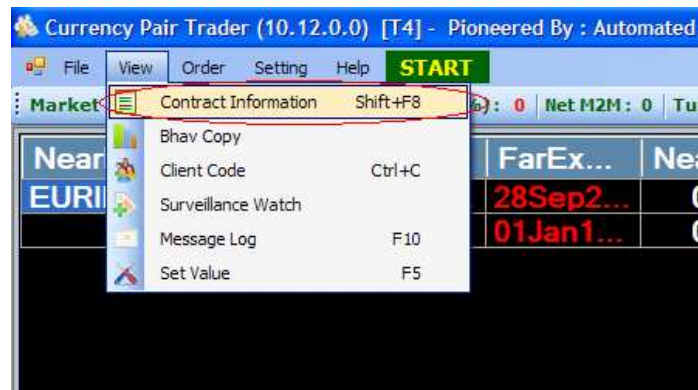
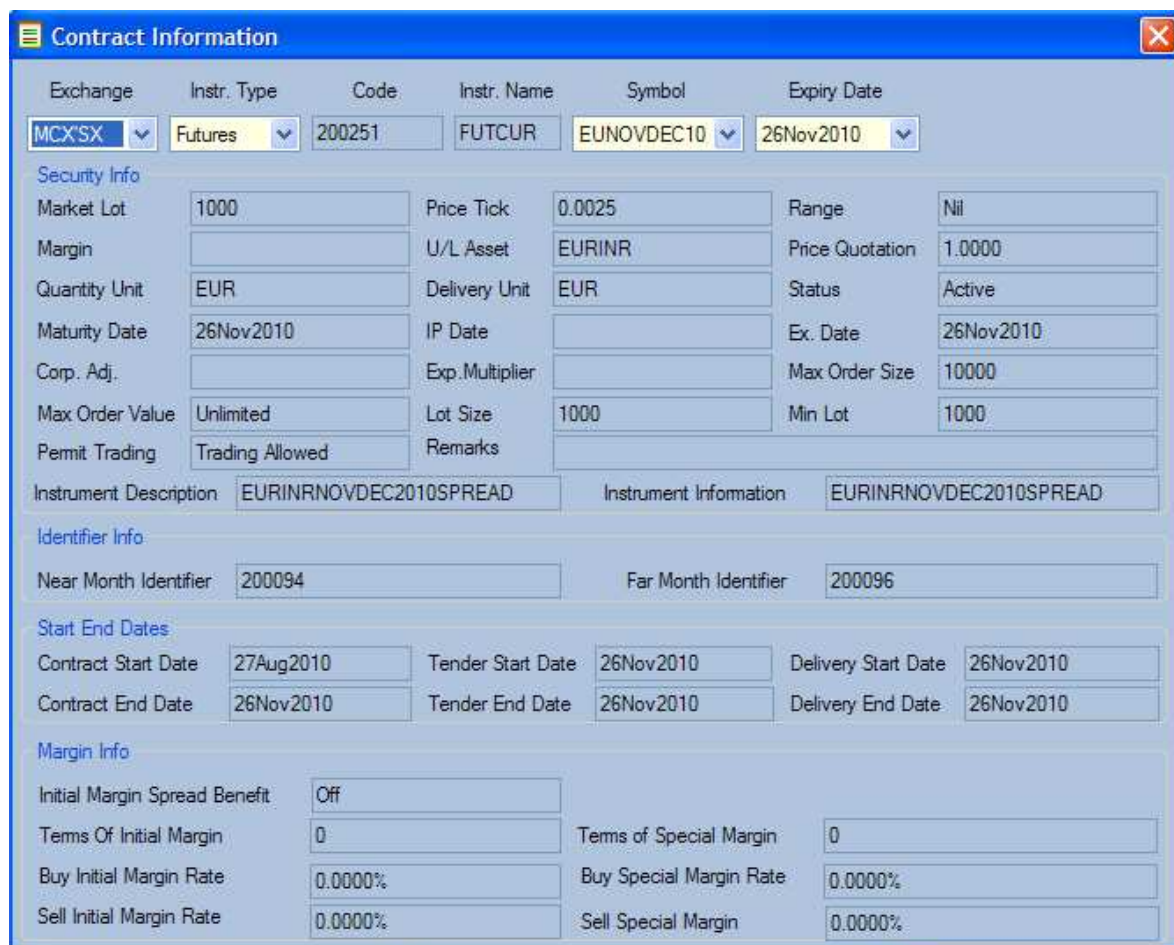


Fig 4.1 Navigation to Contract Information

This window will show the full contract information of the instrument selected in the script.



Exchange	Instr. Type	Code	Instr. Name	Symbol	Expiry Date
MCX'SX	Futures	200251	FUTCUR	EUNOVDEC10	26Nov2010

Security Info	
Market Lot	1000
Price Tick	0.0025
Range	Nil
Margin	
U/L Asset	EURINR
Price Quotation	1.0000
Quantity Unit	EUR
Delivery Unit	EUR
Status	Active
Maturity Date	26Nov2010
IP Date	
Ex. Date	26Nov2010
Corp. Adj.	
Exp. Multiplier	
Max Order Size	10000
Max Order Value	Unlimited
Lot Size	1000
Min Lot	1000
Permit Trading	Trading Allowed
Remarks	

Instrument Description		Instrument Information	
EURINRNOVDEC2010SPREAD		EURINRNOVDEC2010SPREAD	

Identifier Info	
Near Month Identifier	200094
Far Month Identifier	200096

Start End Dates			
Contract Start Date	27Aug2010	Tender Start Date	26Nov2010
Delivery Start Date	26Nov2010	Contract End Date	26Nov2010
Tender End Date	26Nov2010	Delivery End Date	26Nov2010

Margin Info	
Initial Margin Spread Benefit	Off
Terms Of Initial Margin	0
Terms of Special Margin	0
Buy Initial Margin Rate	0.0000%
Buy Special Margin Rate	0.0000%
Sell Initial Margin Rate	0.0000%
Sell Special Margin	0.0000%

Fig 4.2 Contract Information Details

5. Orders



Fig 5 Order Menu

5.1. *Manual Buy: Ctrl + F1*

User can place buy order for one of the two contracts selected in the script using Manual buy order option.



Fig 5 .1 Manual buy

5.2. *Manual Sell: Ctrl + F2*

User can place sell order for one of the two contracts selected in the script using Manual sell order option.

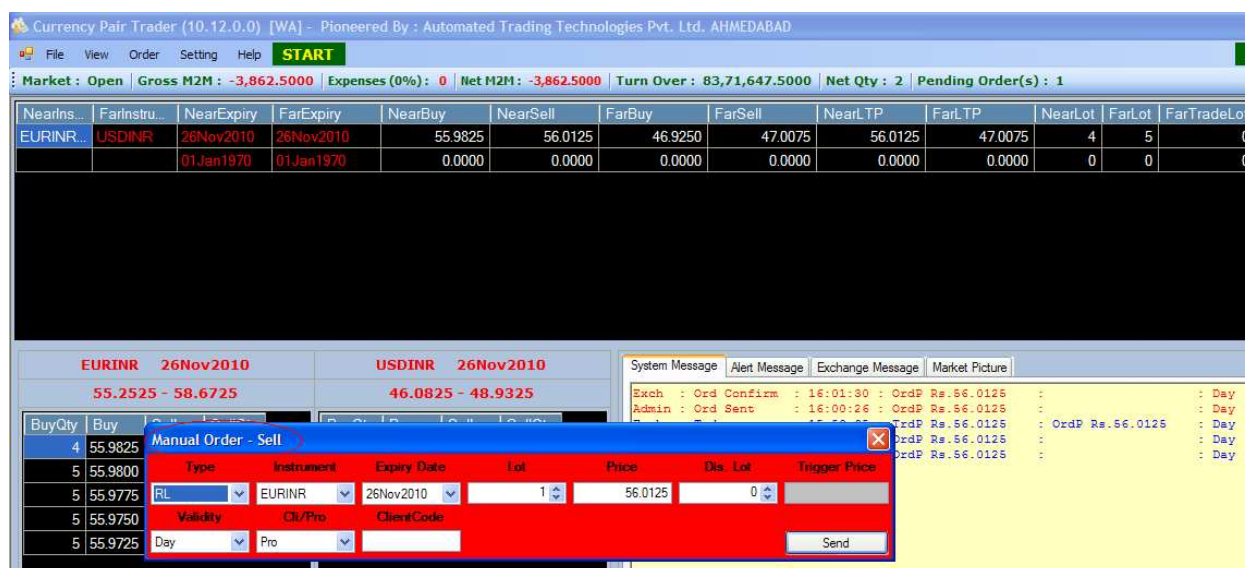


Fig 5 .2 Manual Sell

5.3. *Auto Buy: F1/+*

On pressing F1 or + sign, buy market order of far lot size is placed in the far contract and sell market order of near lot size is placed in the near contract.

5.4. *Auto Sell: F2/-*

On pressing F2 or - sign, sell market order of far lot size is placed in the far contract and buy market order of near lot size is placed in the near contract.

5.5. *Square off Sell: Shift+ (F1/+)*

A short position can be completely squared off by pressing Shift + (F1/+).

5.6. *Square off Buy /Shift + (F2/-)*

A long position can be completely squared off by pressing Shift + (F2/+).

6. Trading Cycle

After log on to the system, user has to initially select two different scripts for trading. For example, USDINR Vs EURINR or USDINR Vs GBPINR.

Immediately after the scripts are selected, the broadcast starts receiving into the software which will display the current Market Price of both the scripts.

User needs to declare lot for any one of the script in the set value pop up which can be opened by selecting the script in the script watch and clicking F5.

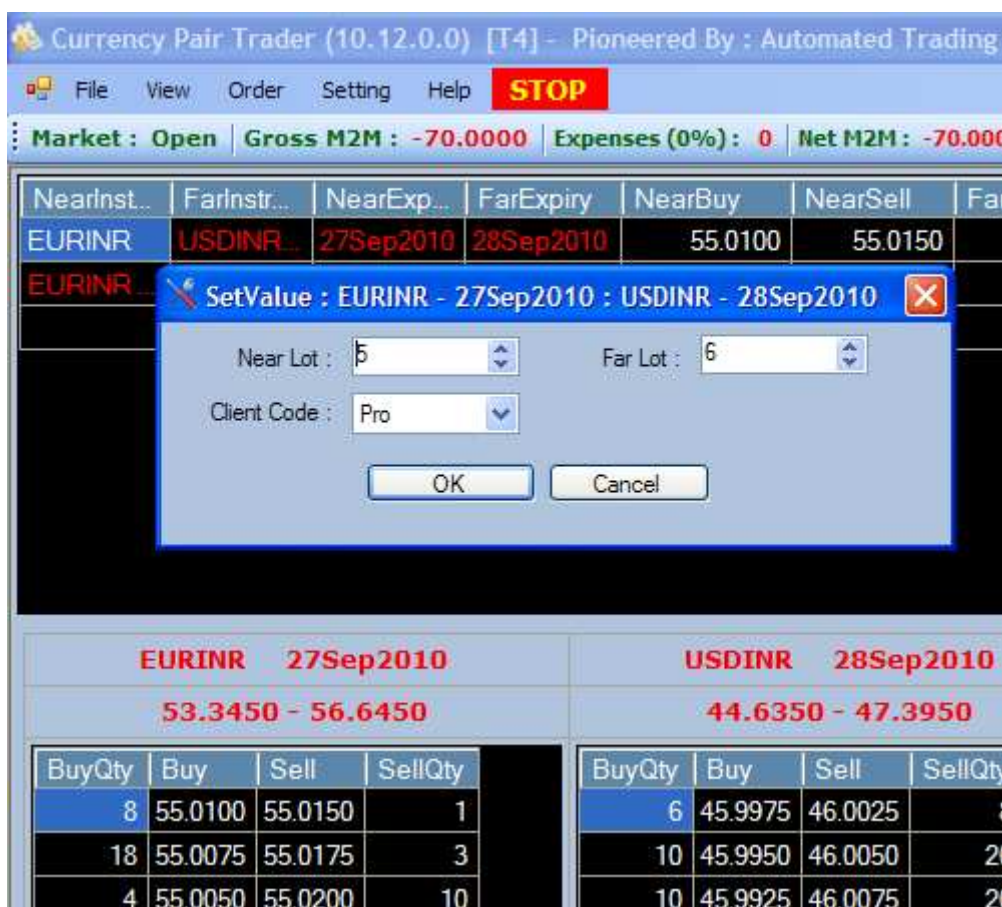


Fig 6.1 Set Value Window

The lot for the other script would be calculated by the system to equate the trading amount in both the scripts. The lots are calculated as,

If Far lot is declared then,

$$\text{Near Lot} = \text{Round} ((\text{Far lot} * \text{Far LTP}) / \text{Near LTP})$$

If Near lot is declared then,

$$\text{Far Lot} = \text{Round} ((\text{Near lot} * \text{Near LTP}) / \text{Far LTP})$$

Also in the set value pop up, user needs to set the client code for trading.

F2 / - (Minus Sign) –Far Sell and Near Buy

Currency Pair Trader (10.12.0.0) [WA] - Pioneerred By : Automated Trading Technologies Pvt. Ltd. AHMEDABAD

File View Order Setting Help **STOP** **DEA**

Market : Open | Gross M2M : 37.5000 | Expenses (0%) : 0 | Net M2M : 37.5000 | Turn Over : 13,77,090.0000 | Net Qty : 3 | Pending Order(s) : 0

NearIns...	FarInstru...	NearExpiry	FarExpiry	NearBuy	NearSell	FarBuy	FarSell	NearTP	FarTP	NearLot	FarLot	FarTradeLot
EURINR...	USDINR ...	26Nov2010	26Nov2010	55.9950	56.0100	46.9475	47.0075	55.9950	47.0075	4	5	15
		01Jan1970	01Jan1970	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0	0	0

EURINR 26Nov2010

55.2525 - 58.6725

BuyQty	Buy	Sell	SellQty
3	55.9950	56.0100	19
5	55.9925	56.0125	100
5	55.9900	56.0150	100
5	55.9875	56.0175	100
5	55.9850	56.0200	100

USDINR 26Nov2010

46.0825 - 48.9325

BuyQty	Buy	Sell	SellQty
4	46.9475	47.0075	127
5	46.9450	47.0100	200
5	46.9425	47.0125	200
5	46.9400	47.0150	200
5	46.9375	47.0175	200

System Message Alert Message Exchange Message Market Picture

Execd :	Trd	: 13:50:24 :	TrdP	Ra.47.0075	:	OrdP	Ra.47.0075	:	Marke
Execd :	Ord Confirm	: 13:50:24 :	OrdP	Ra.47.0075	:			:	Marke
Execd :	Trd	: 13:50:24 :	TrdP	Ra.55.9950	:	OrdP	Ra.55.9950	:	Marke
Execd :	Trd	: 13:50:24 :	TrdP	Ra.55.9975	:	OrdP	Ra.55.9975	:	Marke
Admin :	Ord Confirm	: 13:50:24 :	OrdP	Ra.55.9975	:			:	Marke
Admin :	Ord Sent	: 13:49:20 :	OrdP	Ra.0.0000	:			:	Marke
Admin :	Ord Sent	: 13:49:20 :	OrdP	Ra.0.0000	:			:	Marke
Execd :	Trd	: 13:50:21 :	TrdP	Ra.47.0075	:	OrdP	Ra.47.0075	:	Marke
Execd :	Trd	: 13:50:21 :	TrdP	Ra.55.9975	:	OrdP	Ra.55.9975	:	Marke
Admin :	Ord Confirm	: 13:50:21 :	OrdP	Ra.47.0075	:			:	Marke
Execd :	Trd	: 13:50:21 :	TrdP	Ra.56.0000	:	OrdP	Ra.56.0000	:	Marke
Execd :	Ord Confirm	: 13:50:21 :	OrdP	Ra.56.0000	:			:	Marke
Admin :	Ord Sent	: 13:49:17 :	OrdP	Ra.0.0000	:			:	Marke
Admin :	Ord Sent	: 13:49:17 :	OrdP	Ra.0.0000	:			:	Marke
Execd :	Trd	: 13:50:18 :	TrdP	Ra.47.0075	:	OrdP	Ra.47.0075	:	Marke
Execd :	Ord Confirm	: 13:50:18 :	OrdP	Ra.47.0075	:			:	Marke
Execd :	Trd	: 13:50:18 :	TrdP	Ra.56.0000	:	OrdP	Ra.56.0000	:	Marke
Execd :	Ord Confirm	: 13:50:18 :	OrdP	Ra.56.0000	:			:	Marke
Admin :	Ord Sent	: 13:49:14 :	OrdP	Ra.0.0000	:			:	Marke
Admin :	Ord Sent	: 13:49:14 :	OrdP	Ra.0.0000	:			:	Marke

TBQt 238 1,619 TSQty TBQt 144 3,627 TSQty

Net Position Trade Book Order Book Spread Book Pending Order

InstrumentC...	ExpiryDate	NetQuantity	M2MGain	MarketPrice	NetPrice
EURINR	26Nov2010	-12	37.5000	55.9950	6,71,977.5000
USDINR	26Nov2010	15	0.0000	47.0075	-7.05.112.5000

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7. RMS

The user can click on the surveillance watch in the View menu, to invoke the surveillance watch window.



Fig 7 Navigation of RMS

7.1. Order Level Control

1. **Single Order Quantity:** This will restrict the order quantity in terms of lot which can be placed in the exchange in single trade. User will not be able to place order for more than lot size specified in this control in single trade

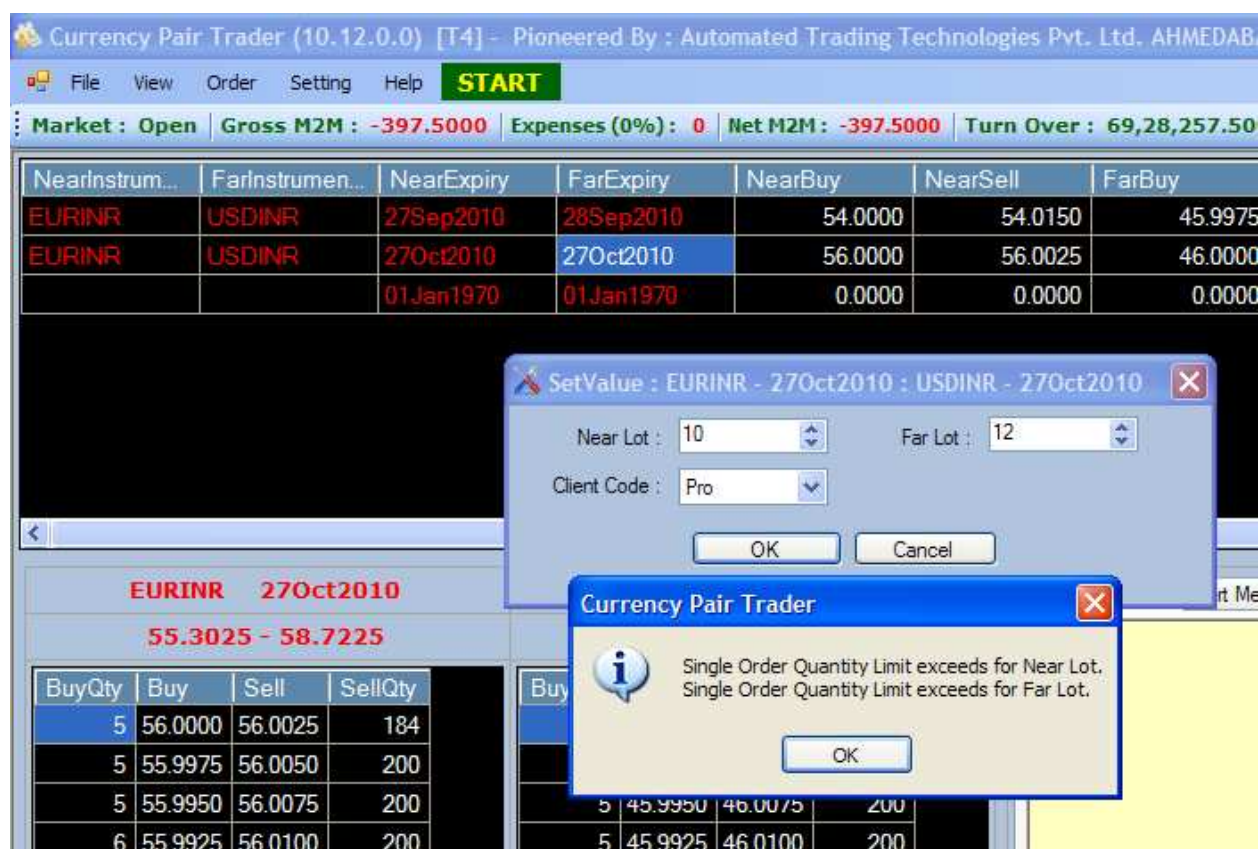


Fig 7.1 Single Order Quantity Window

2. **Single Order Value:** This will restrict the value of order which can be placed in the exchange in single trade. User will not be able to place order for more than order value specified in this control in single trade

The screenshot displays the 'Currency Pair Trader (10.12.0.0) [PT1] - Pioneered By : Automated Trading Technologies Pvt. Ltd. AHMEDABAD' application. The top status bar shows market data: Market: Open, Gross M2M: 62.5000, Expenses (0%): 0, Net M2M: 62.5000, Turn Over: 22,23,985.0000, Net Qty: 4, Pending Order(s): 0. A table lists various currency pairs with their near and far prices. A 'Surveillance Watch' dialog box is open, showing the following settings:

Order Level				Trading Level	
Single Order Quantity :	Not Specified			Buy TurnOver Limit :	Unlimited
Single Order Value :	10,000.0000			Sell TurnOver Limit :	Unlimited
Loss Limit :	Not Specified			Gross Exposure Limit :	Unlimited

In the background, a system message window shows a warning: 'SingleOrderValue limit exceeds'. The main interface also displays price ranges for EURINR (55.3025 - 58.7225) and USDINR (45.5975 - 48.4175).

Fig 7.2 Single Order Value Window

3. **DPR Check:** This will restrict the order to be placed in exchange beyond Daily Price Range to avoid rejection.

7.2. Trading Level Control (in terms of Value)

1. **Turnover Limit for Buy Value:** The Dealer will not be able to take long position beyond the value specified in this control. While calculating the buy value, it will take into account all the trade done plus pending order value on buy side.

EURINR 27Oct2010				USDINR 27Oct2010			
55.3025 - 58.7225				45.5975 - 48.4175			
BuyQty	Buy	Sell	SellQty	BuyQty	Buy	Sell	SellQty
1	55.8925	56.0075	29	1	45.9050	46.0125	183
5	55.8900	56.0100	300	5	45.9025	46.0150	300
5	55.8875	56.0125	300	5	45.9000	46.0175	300
5	55.8850	56.0150	300	5	45.8975	46.0200	300
5	55.8825	56.0175	300	5	45.8950	46.0225	300

System Message				Alert Message				Exchange Message				Market Picture			
Buy turn over limit exceeds				Buy turn over limit exceeds											

Surveillance Watch			
Order Level		Trading Level	
Single Order Quantity :	Not Specified	Buy TurnOver Limit :	1,11,32,141.0000
Single Order Value :	Not Specified	Sell TurnOver Limit :	Unlimited
Loss Limit :	Not Specified	Gross Exposure Limit :	Unlimited

Exch	:	Ord Confirm	:	13:20:20	:	OrdP Rs.55.9025	:		:	Market	:	EU
Admin	:	Ord Sent	:	13:19:15	:	OrdP Rs.0.0000	:		:	Market	:	US
Admin	:	Ord Sent	:	13:19:15	:	OrdP Rs.0.0000	:		:	Market	:	EU
Exch	:	Trd	:	13:20:20	:	TrdP Rs.46.0125	:	OrdP Rs.46.0125	:	Market	:	US

Fig 7.2 Buy Turn Over

2. **Turnover Limit for Sell Value:** The Dealer will not be able to take Short position beyond the value specified in this control. While calculating the Sell value, it will take into account all the trade done plus pending order value on Sell side.

27Oct2010				System Message				Alert Message				Exchange Message				Market Picture			
- 48.4175				Sell turn over limit exceeds															

Surveillance Watch			
Order Level		Trading Level	
Single Order Quantity :	Not Specified	Buy TurnOver Limit :	Unlimited
Single Order Value :	Not Specified	Sell TurnOver Limit :	10,22,620.0000
Loss Limit :	Not Specified	Gross Exposure Limit :	Unlimited

Exch	:	Trd	:	13:26:46	:	TrdP Rs.45.8800	:	OrdP Rs.45.8800	:	Market	:	EU
Exch	:	Trd	:	13:26:46	:	TrdP Rs.45.8825	:	OrdP Rs.45.8825	:	Market	:	EU
Exch	:	Trd	:	13:26:46	:	TrdP Rs.45.8850	:	OrdP Rs.45.8850	:	Market	:	EU
Exch	:	Trd	:	13:26:46	:	TrdP Rs.45.8875	:	OrdP Rs.45.8875	:	Market	:	EU
Exch	:	Trd	:	13:26:46	:	TrdP Rs.45.8900	:	OrdP Rs.45.8900	:	Market	:	EU

Fig 7.3 Sell Turn Over

Settings of above two limits are similar to Turnover Limit presently being set for TWS through Member Admin Terminal

3. **Gross Exposure:** The dealer will not be able to create Gross Open Position beyond the value specified in this control. While calculating the Gross Exposure, it will take into account value of open position plus value of all pending order for new trade excluding squaring off order. Here exposure limit will not exceed higher value of Turnover limit of Buy Value or Turnover Limit of Sell Value specified.



Fig 7.4 Gross Exposure Limit

4. **Loss Limit:** The loss limit can be set for individual user to restrict them for trading once the loss limit is attained.



Fig 7.5 Loss Limit