

# Variaveis Lookup

**Variaveis de tipo lookup servem para gerar valores a partir de dados informados ao Vensim, na forma de tabela.**

**A tabela tem duas colunas:**

**Input – valores de X**

**Outup –valores de Y**

**A variavel retorna o valor de Y que corresponde ao valor de X informado.**

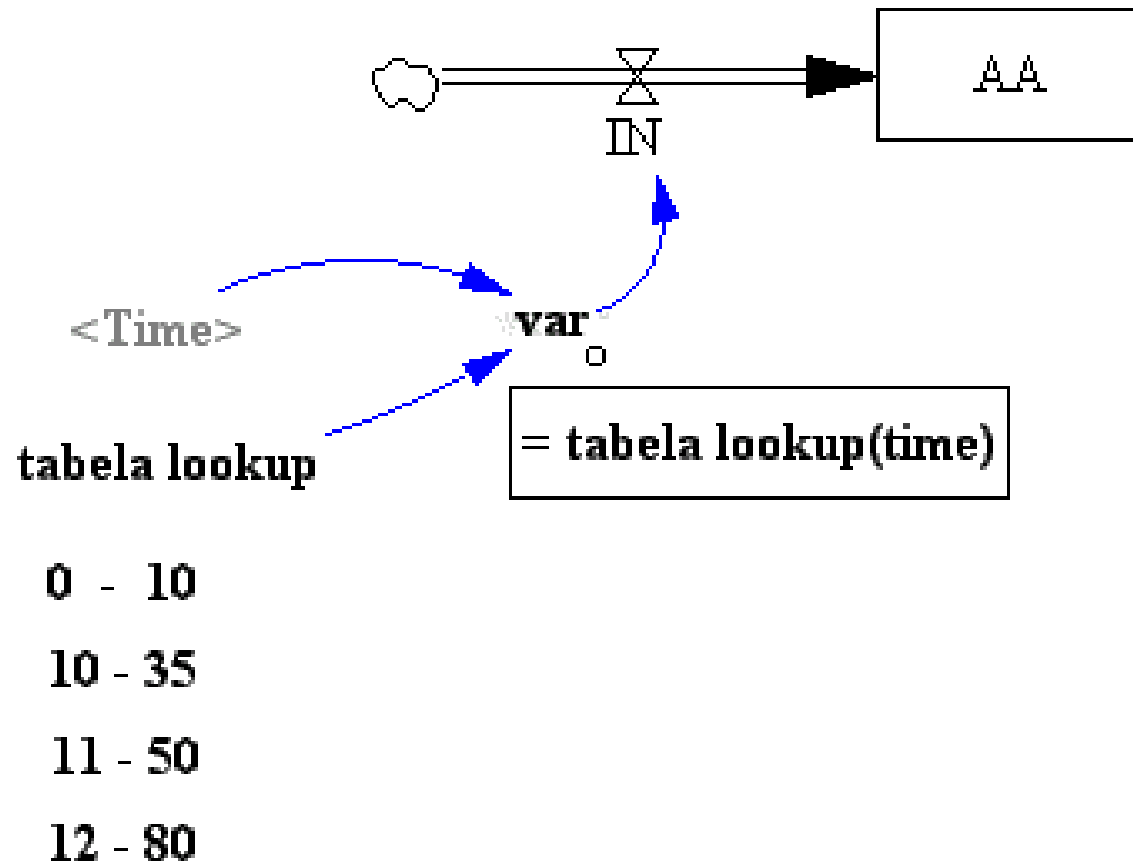
**Qundo não há correspondencia exata o sistema calcula automaticamente o valor necessário por interpolação linear.**

# Variaveis Lookup

**Exemplo:**

**Input Outup**

|    |     |
|----|-----|
| 0  | 10  |
| 10 | 35  |
| 11 | 50  |
| 12 | 80  |
| 13 | 100 |



**Por exemplo, se X representar o tempo da simulação, quando tiver valor 10, var será 35, quanto time for 11.5, var será 65**

**Editing equation for - tabela lookup**

tabela lookup

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Lookup

Undo

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Variables Functions More

Choose Initial Variable...

☐ Supplementary

As Graph Help

Units:

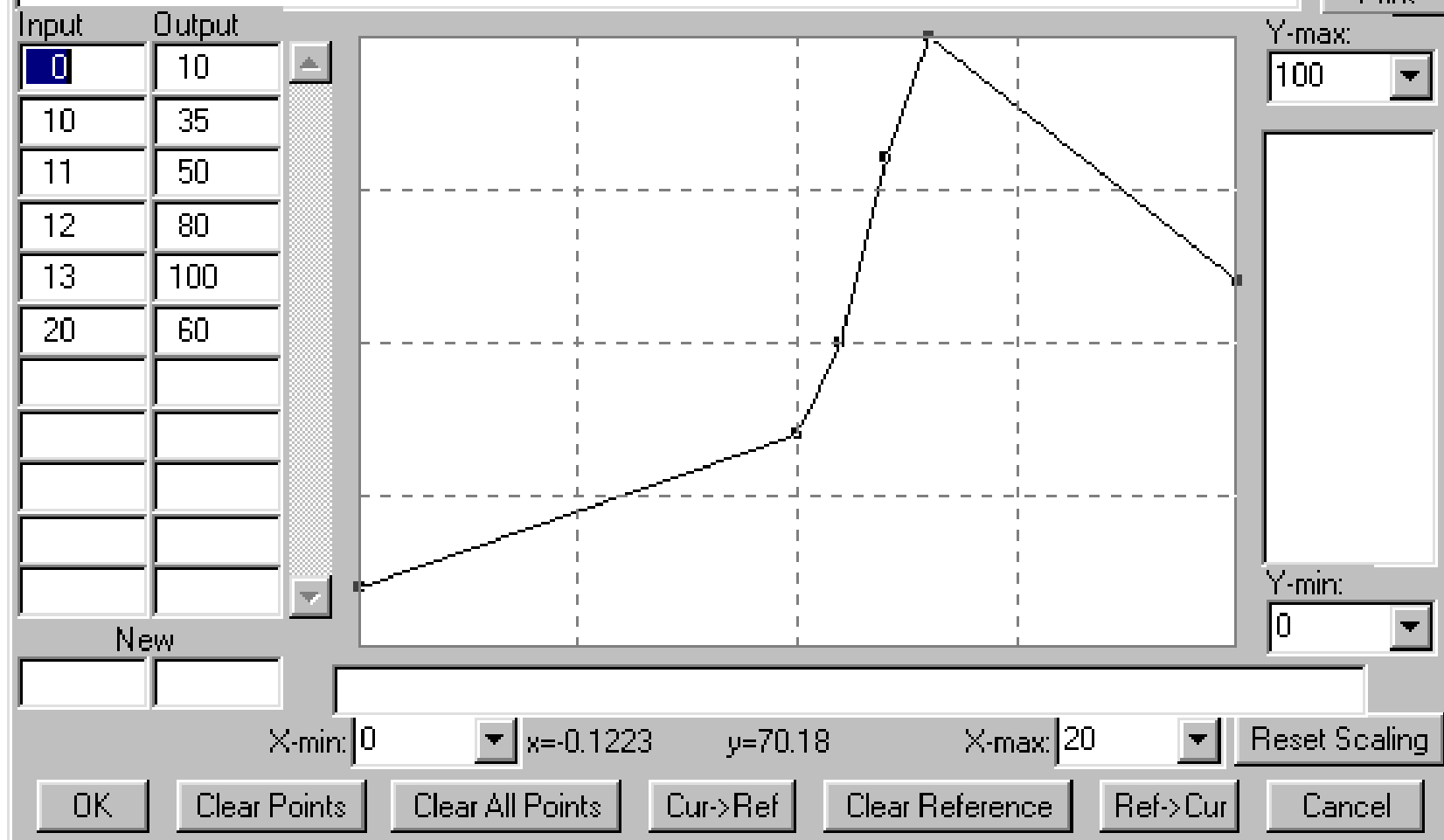
Com-  
ment:

Minimum Value Maximum Value Increment

Errors: Equation Modified

OK Check Syntax Check Model Delete Variable Cancel

# Graph Lookup - tabela lookup



Editing equation for - tabela lookup

tabela lookup

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[[0,0)-(20,100)],(0,10),(10,35),(11,50),(12,80),(13,100),(20,60)

)

Type

Lookup

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Variables

Functions

More

Choose Initial Variable...

☐ Supplementary

As Graph

Help

Units:

Com-ment:

Minimum Value

Maximum Value

Increment

Errors:

Equation Modified

OK

Check Syntax

Check Model

Delete Variable

Cancel

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