#### EXAMPLE SCREENS OF THE COMPRESSOR CHARACTERIZER

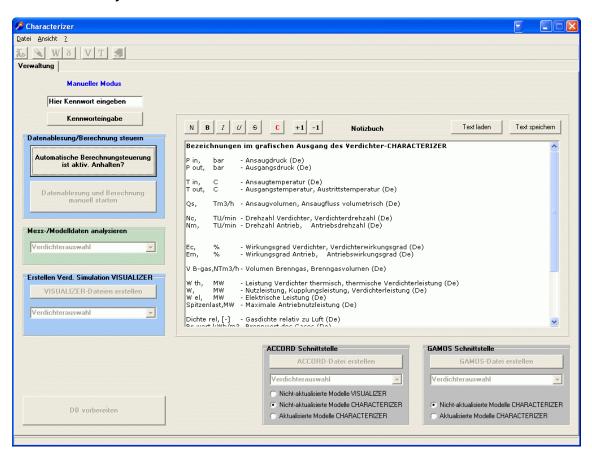
There are three modes of the Compressor-Characterizer:

- System Administrator Mode
- Reading and Calculation Mode
- Analysis and Monitoring Mode

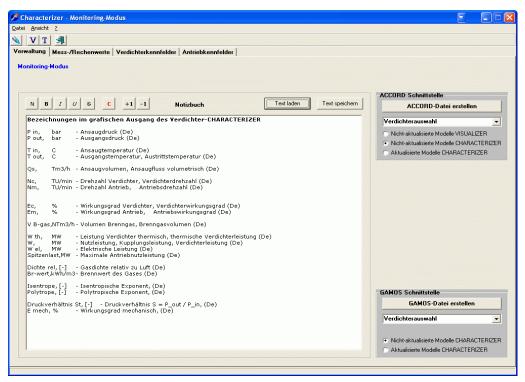
Tables, Diagrams and Graphic Diagram Ranges of the Analysis Mode concern measurements, operating points of Compressors, Turbines and Drives and of the Combustion Chamber.

The Characterizer uses 4 types of Graphic Diagram Ranges, in which the relations between Displacement, Pressure Ratio, Compressor Rotation Speed and Efficiency are shown.

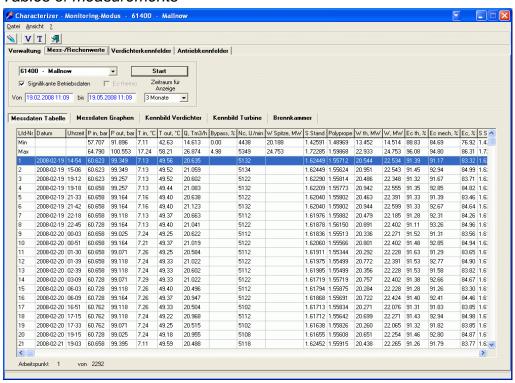
#### Main Screen System Administrator



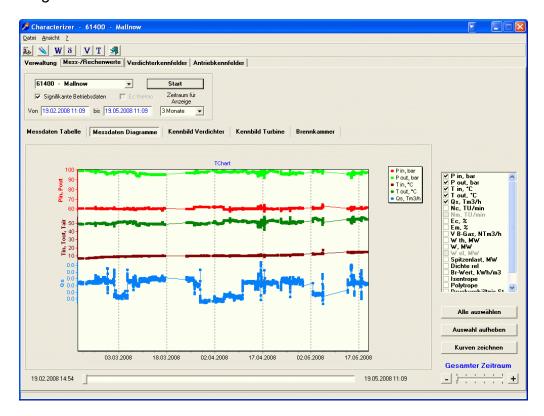
### Monitoring Mode Screen



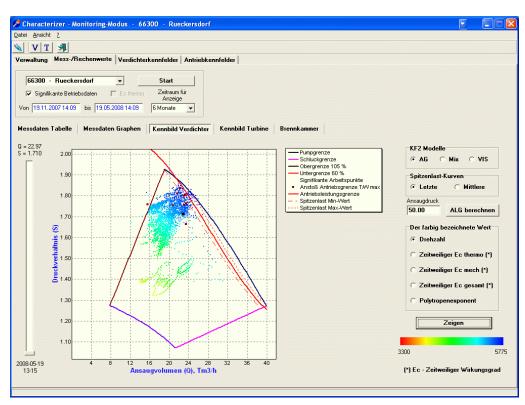
#### Tables of measurements



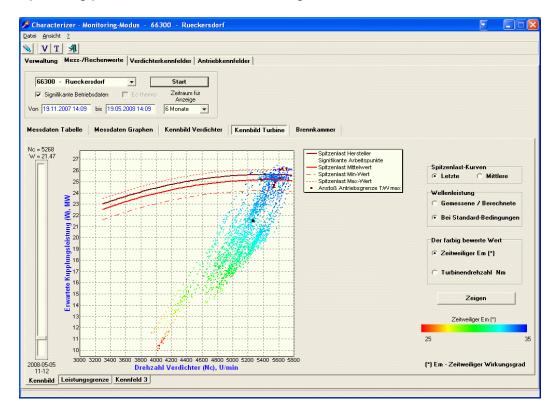
#### Diagrams of Measurements



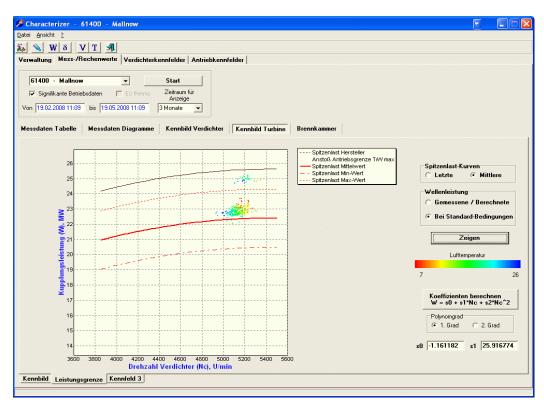
# Operating point in a Graphic Diagram Range of a Compressor



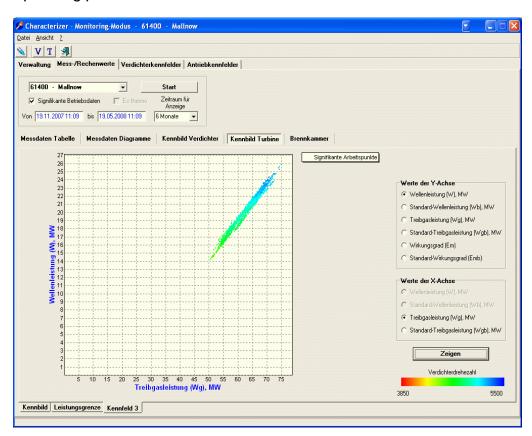
#### Operating point of a Turbine. Drive Diagram



### Operating point of a Turbine. Drive Performance boundaries



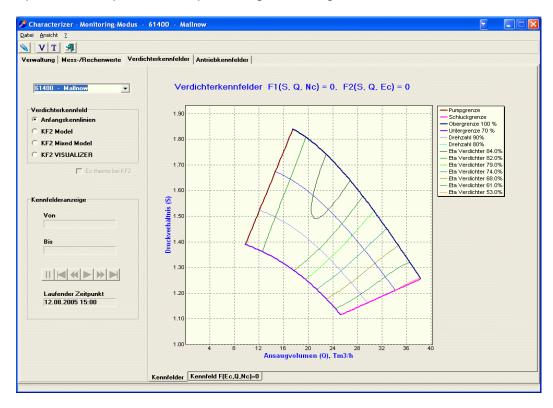
## Operating point of a Turbine. Relations between Performances



#### Diagram Combustion Chamber



### Updated Compressor Graphic Diagram Range 1 and 2



# Updated Compressor Graphic Diagram Range F(Ec, Q, Nc) = 0.

