# Power Electronics, Functional Integration

## 2. Measurement Systems



## **Power Analyzer / Digital Power Meter**

## Yokogawa WT 3000

highly accurate power and efficiency measurement

#### Specification:

- basic measurement accuracy: 0.01 % of measured value
- frequency range 0.1 Hz bis 1 MHz
- 4 input channels
- signal analysis, FFT-analysis, flicker analysis, cycle-by-cycle meas. Function
- Storage of sampled signal data
- interfaces: Ethernet, RS-232, USB, GP-IB



Source: Yokogawa

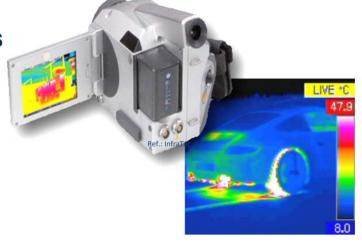
### Thermography System

## InfraTec VarioCAM hr Inspect 680 S

 analysis of surface temperatures in dynamic and static processes

#### Specification:

- resolution (detector) 640x480 pixel
- spectral range 7.5...14 µm
- meas. range -40...1200 ℃
- thermal resolution <0.03 K
- Recording with 0.25...60 Hz



Source: InfraTec

