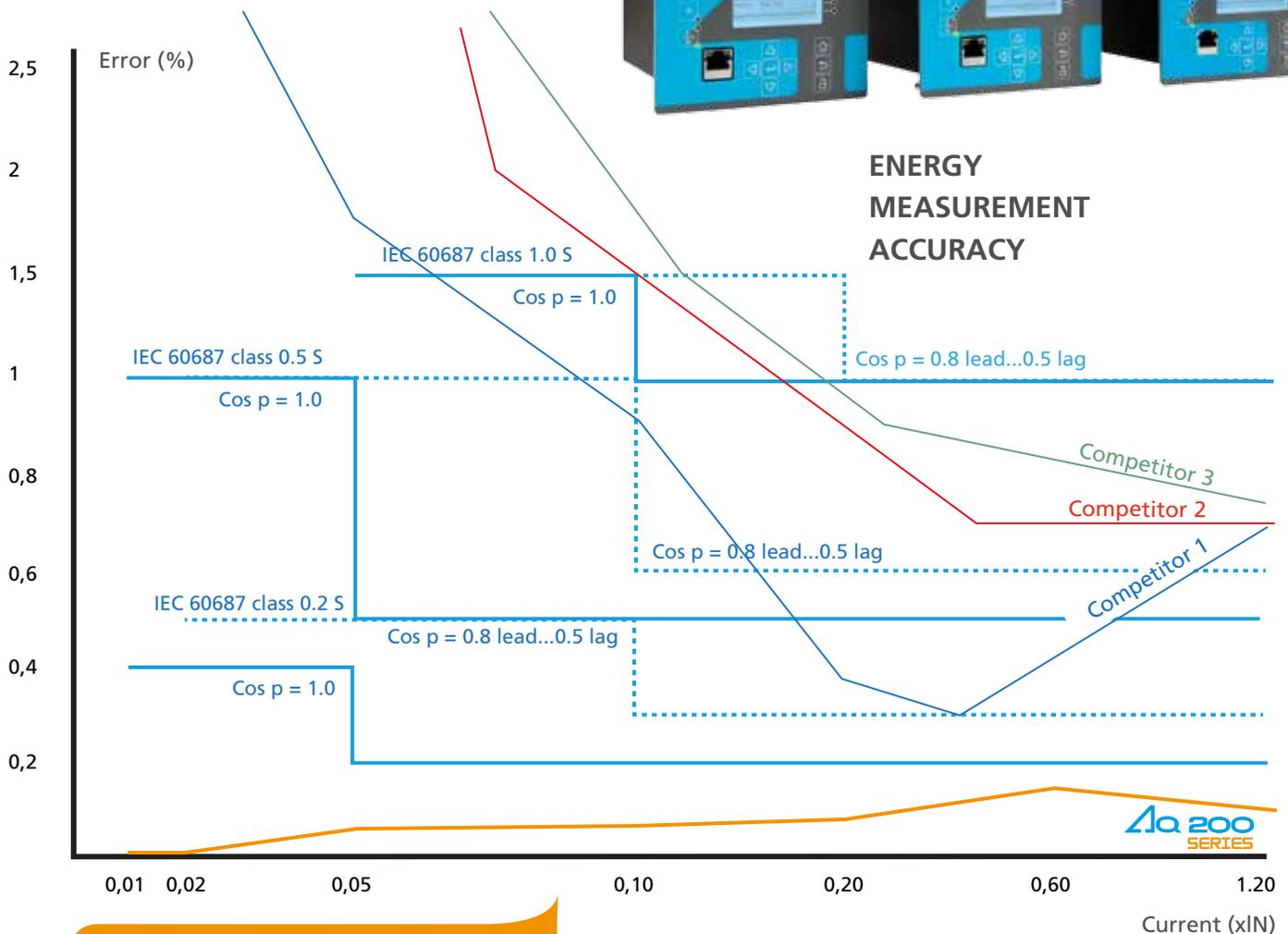


# DID YOU THINK ALL INVENTIONS IN PROTECTION RELAYS WERE MADE DECADES AGO?



**ARCTEQ AQ 200 SERIES** introduces revolutionary measurement technology with class 0.2S accuracy in protection relay. Dynamic range up to 250A secondary

## Benefits:

- More accurate protection
- More sensitive protection settings
- Eliminate separate measuring devices and transducers
- Eliminate measuring CT cores - protection CT core provides accurate output in nominal currents

# TAKE THE GIANT LEAP IN PROTECTION RELAY TECHNOLOGY

## UNPARALLELED PERFORMANCE by Arcteq AQ 200 series

- **Faster** - protection operate times < 20ms, programmable logic cycle time 5ms
- **More accurate** – incomparable measurement, timing and power and impedance calculation accuracy
- Class 0.2S power and energy measurement
- Frequency independent protection – patented frequency tracking algorithm guarantees operation accuracy at 6–75Hz
- Modern memory capacity
  - 60MB reserved for user file storage, e.g. instruction manual may be stored in relay memory
  - Permanent flash memory, no battery or capacitor back-up needed
  - 15 000 permanent non-volatile events
- Native IEC 61850 and full range of legacy protocols
- Superior usability – simple setting and configuration
- Improved disturbance recording capability



### Disturbance recorder setting examples

Samples per cycle	64	64	64
Analogue channels	8	8	8
Digital channels	24	24	24
Record duration	1s	10s	60s
Total number of records	529	52	8