



# TURBINE CONTROLLER

## WASSI *Professional*

This professional turbine controller is the innovative solution for small power plants

Whether Francis, Kaplan, Pelton, or cross-flow turbines are involved, we have every possible variation for you. The programming modules of the WASSI Professional optimise the controls of any type of turbine. In this case, a single controller can operate up to four turbines optimally.



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### Flexible options

The turbine controller is able to control, regulate, and monitor up to 4 optimally coordinated turbines. Plus, every auxiliary device (like racks, lubrication, weirs, etc.) can also be integrated. The built-in data recording permanently keeps all information available in memory. Remote controls make system monitoring and controls possible from anywhere.

### Simple operation

The entire operating concept has been kept very simple. Simple menu guidance combined with an intuitive touch screen enable all of the settings to be made without any programming skills required.

### Maximum reliability

The use of matching components from industrial applications achieves the highest level of availability. The use of a standard program for all systems guarantees a sophisticated product.

### Optimised, closed system

A special industrial PC adjusted to the conditions of the environment ensures maximum reliability. Temperature resistance, vibration resistance, and protection against dust ensure secure operation. The LCD touch screen completes the compact system. An industrial bus system is used to record measured values (optical cable, potential isolation, etc.).

## Features

- Optimised system for fully automatic operation of the entire power plant with 1-4 turbines
- Extremely simple operation via touch screen and flexible settings options
- Industrial PC with high reliability, data storage
- Bus system connected to PC via optical fibre transmitter
- Remote controls



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