

FEMTOWAVE

The new world of optical axis controlling is opening up.

Optical axis control unit F-Pack 300



Introducing our new Motor controller

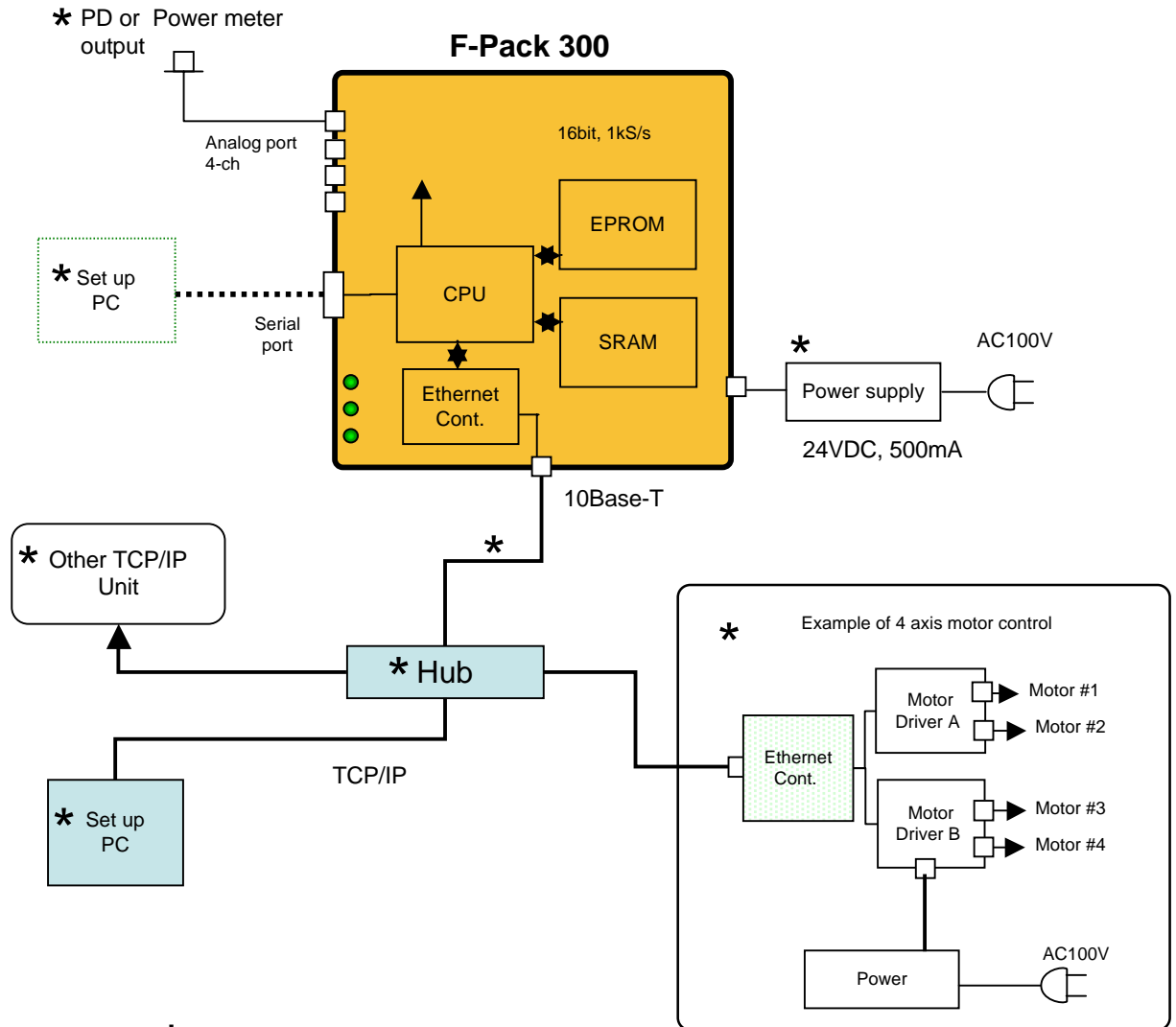
Model F-Pack 300 allows you easy control a motorized actuator system without doing any tedious parameter setting and programming.

Combining a motor driver with a standard Ethernet control port, this unit provides an stand-alone operation system without use of a computer.

Features:

- ◆ F-Pack 300 is controlled with our original software, the **MEISTER Algorithm** Engine, based on the fuzzy inference algorism.
- ◆ F-Pack 300 outputs the 4-axis control signals due to one sensing signal.
- ◆ F-Pack 300 is equipped with a 10Base-T connector for TCP/IP and a RS232c port for serial communication.
- ◆ F-Pack 300 is available for the control of the piezo-driven motors and also stepping motors.
- ◆ And also small size footprint (127 x 84 x 37).

Basic system configuration



* The mark shows option units.

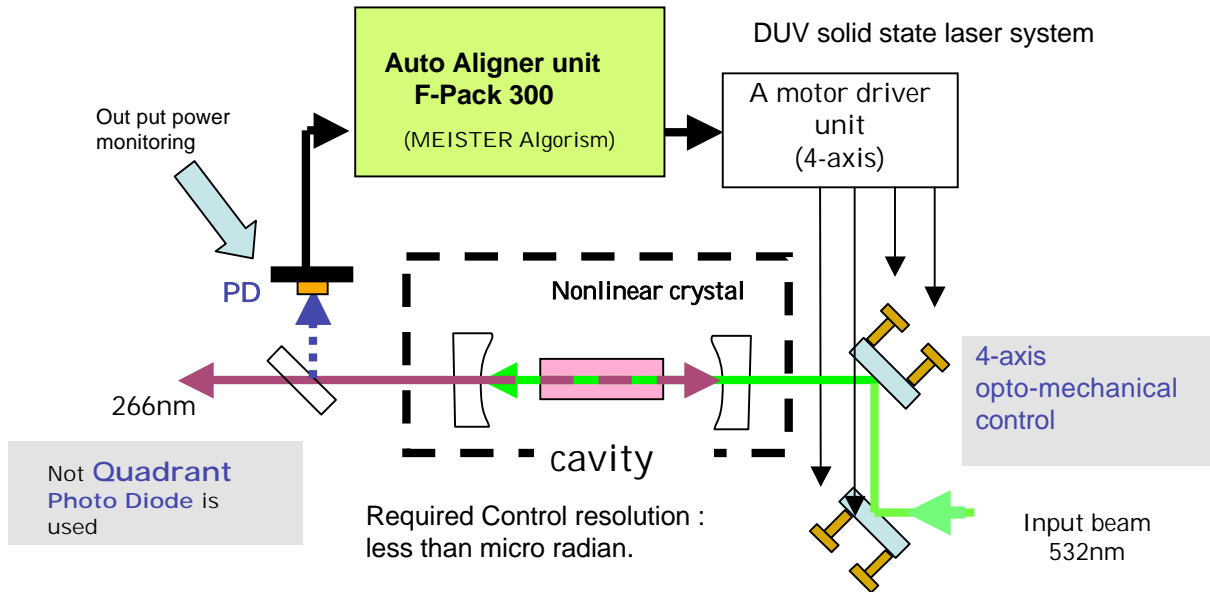
PC base system or F-Pack 300 system;

	A standard PC base controller	F-Pack 300
Control PC	Necessary	Not necessary, except for parameter set-up.
AD conversion unit	Necessary	Included
Software	Necessary (Lab View** base is available)	Included

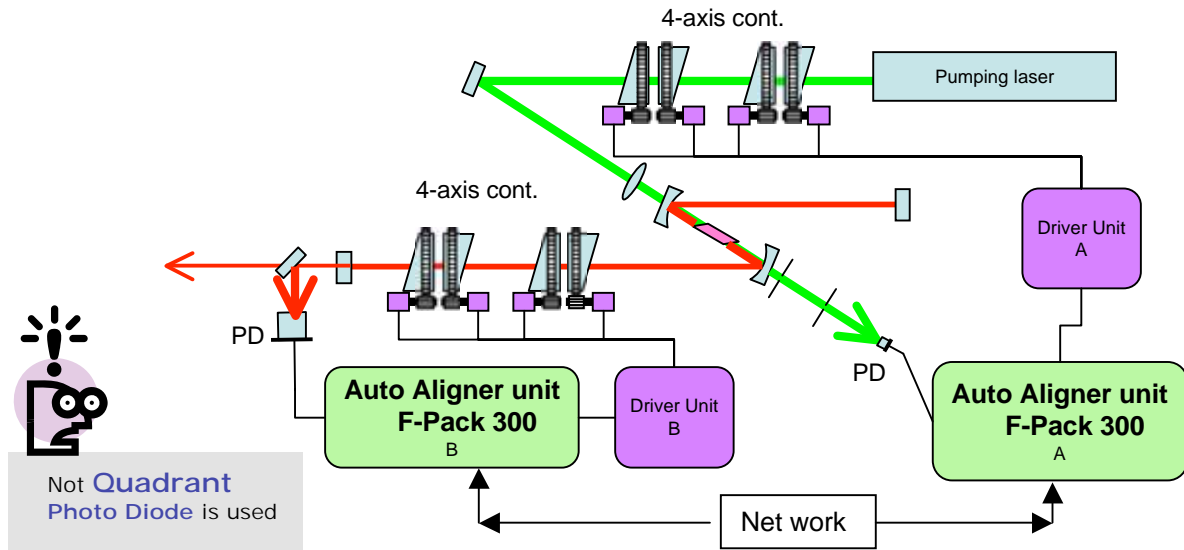
**Lab View is the trade mark of National Instrument Inc.

Basic application

Application example of a DUV solid state laser.



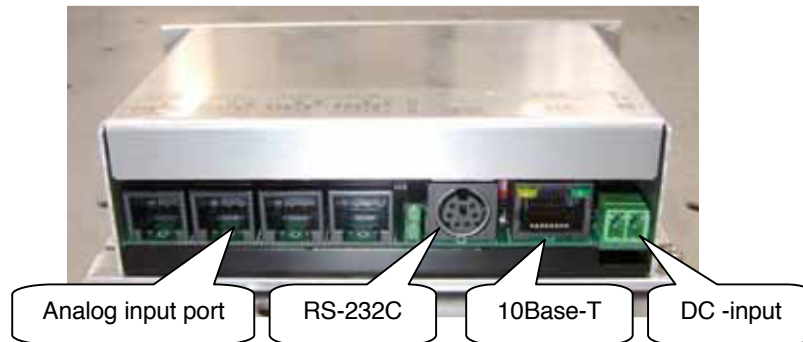
Application example of a solid state laser beam tacking.



Control Unit A: Beam pointing tracking for pump laser.
Control Unit B: laser beam alignment

Specification

Hard ware specification;



Port name	Port specification
Analog input port (ch1 – ch4)	A/D conversion (16Bit, sampling rate 1kS/s) input range (0~10V)
Output port (RS-232C)	PC-based data communication.
Output port (10Base-T)	Standard TCP/IP client data communication
DC input port	24VDC, 500mA

● お問い合わせは、



有限会社 テクノ・シナジー
〒193-0832 東京都八王子市散田町2-46-16
TEL & FAX: 042-667-1992
E-mail: get_info@techno-synergy.co.jp

Design & Development
Photo-Physics Laboratory Inc.
ORIC 209 Lab., 5303 Haga, Okayama-shi,
701-1221, JAPAN
TEL: +81-86-286-9077
FAX: +81-86-286-9078
E-mail:sales@photo-physics.com
URL <http://www.photo-physics.com>

