

**NEW COST – EFFECTIVE PORTABLE UNIT
FROM FUJI TECHNO INDUSTRIES
is NOW AVAILABLE!**

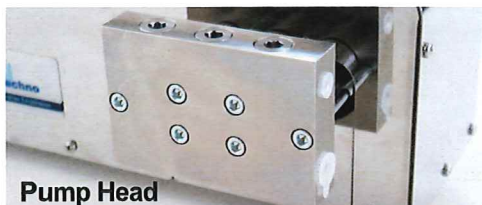
Fuji Techno Industries of Osaka, Japan are proud to launch **the new HYM portable unit P501-M08 at 2017 CHEM SHOW.**

The new portable unit has been developed to provide a user friendly, cost effective, lab and possible pilot plant scale solution for high corrosive media delivery to the highest performance levels.



◆HIGH VERSATILE LAB SCALE

Able to provide continuous delivery of a vast range of liquids and chemicals, the P501-M08 unit can operate at flow rates up to 108.6 ml/min, at pressures up to 98Bar, with near zero pulsation and reproducible accuracy of up to 99.9%. Temperature range from -30°C to +120°C (higher temperature possible on demand) and viscosity range from 1 up to 20,000 mPa s.



Pump Head

◆OUTSTANDING RESISTANCE TO CHEMICAL CORROSION

Pump head is made from a solid block of Hastelloy C22, as are all the wetted parts with exclusion of the plunger seals and gaskets which are high performance Kalrez 6375. To further improve performance the plungers feature a highly durable DLC (diamond like carbon) coating.

◆ADVANCED CONTROL UNIT

The P501-M08 portable unit comprises a separate user control panel, HMI type, with remote connection to the motor driven pump assembly. This allows the user to place the pump to be inside a fume hood or other container. Via the large user friendly touch-screen panel the operator can input volumetric efficiencies, making it easy to calibrate the pump to any required flow rate.



Touch Screen

◆MULTILINGUAL OPERATING HMI

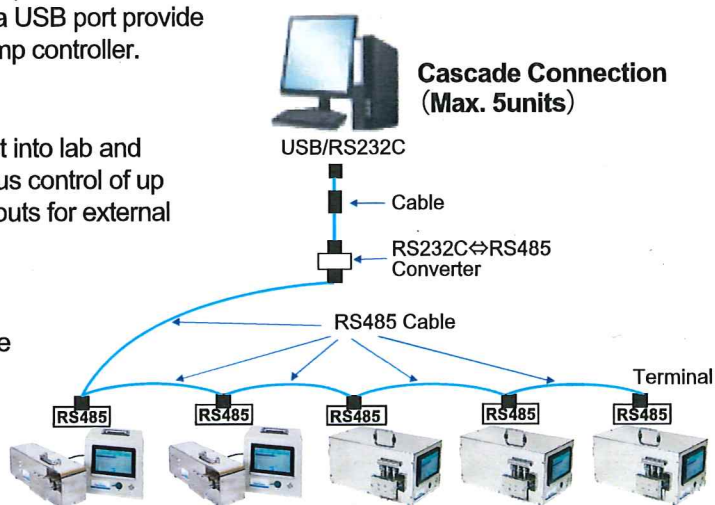
6 different languages (English, French, German, Japanese, Chinese and Korean) are selectable by the operator, adding to the usability of the equipment. The addition of the EtherNET connectivity and a USB port provide the means to up and download data and settings to the pump controller.

◆MULTIPLE UNITS INTEGRATION

To facilitate further integration of the P501-M08 portable unit into lab and production cells, a PC option is available for the simultaneous control of up to 5 units and the operator terminal can be specified with inputs for external temperature and pressure sensors.

◆TOP QUALITY STAMINA

The HYM portable unit P501-M08 is the latest product in the wide range of high performance super metering pumps manufactured by Fuji-Techno Industries. The full range of pumps cover flow-rates from 0.13ml/min up to over 117.8L/min and pressures up to 2000Bar.



Cascade Connection
(Max. 5units)

◆ TECHNICAL SPECIFICATIONS

Pump model	Max. discharge pressure	Pump revolution	Flow rate range	Liquid end material	Accuracy (deviation)	Inlet	Outlet
HYM-03	9.8 [24.5]	1~120	0.13 ~ 15.3	SUS316	±0.1%	Rc1/4	Rc1/8
HYM-06	9.8 [19.6]	1~120	0.51 ~ 61.1	SUS316	±0.1%	Rc1/4	Rc1/8
HYM-08	9.8	1~120	0.90 ~ 108.6	SUS316	±0.1%	Rc1/4	Rc1/8
HYM-03	2 [8]	5~120	0.65 ~ 15.3	PTFE [PEEK]	±0.1%	Rc1/4	Rc1/8
HYM-06	2 [8]	5~120	2.55 ~ 61.1	PTFE [PEEK]	±0.1%	Rc1/4	Rc1/8
HYM-08	2 [8]	5~120	4.50 ~ 108.6	PTFE [PEEK]	±0.1%	Rc1/4	Rc1/8

<Note>

(1)

The pressures in parentheses are the max. discharge pressures of the high pressure versions.
Rc is the standard. NPT is available as an option.

(2)

RS-485 terminal :

One PC can control the operation of multiple numbers of the units. (Optional)

4~20mA terminal :

Wires from a temp. sensor and a pressure sensor can be attached to the unit.

The power source is DC24V. (Optional)

Environmental condition :

5~35°C None condensing.

Liquid temperature :

0~70°C No solidification in plumbing.

<Note>

Please consult with Fuji Techno for the use of liquid with a temperature more than 70°C.

Power source :

AC200~230V/50Hz/60Hz/Single phase

Motor :

0.1 kW Reduction ratio 1/25

Dimensions :

(1)All in one type unit 482×310×281mm

(2)Separate type unit Controller 265×250×289mm

Pump & Motor 430×196×191mm

Weight:

(1)All in one type unit 24kg

(2)Separate type unit Controller 8.7kg

Pump & Motor 15kg

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