

News Release

New DigiPackIII

Will be available in early 2019

We are pleased to announce our new Digital Parison Controller (Called “DigiPackIII”). Prior to the launch of DigiPackIII, we will provide an outline of the DigiPackIII, including the details of how it will be changed from the conventional DigiPackII.

About DigiPackIII

- ✧ In DigiPackIII, the full-screen touch panel is used for the operation screens. This makes easier to select parameters and change their values, thereby shortening the setting time. *The rotary knob remains intact in order not to impair the conventional operability.
- ✧ The most functions of the conventional controllers (DigiPackII) are adopted, the operators do not have to learn new operating methods after installing DigiPackIII. In addition, the device dimension and mounting pattern are fully compatible to DigiPackII. It is unnecessary to change the installation location, rework, etc.
- ✧ The connectors on the back are detachable. This eliminates the need for rewiring work when replacing it for repair. Since the pin assignment is almost the same as the conventional DigiPackII, the change of the wiring diagram can be minimized when the new DigiPackIII is replaced from the DigiPackII.
- ✧ USB memory, which is more easily available on the market, is used to store data externally. The software can be easily updated from the USB memory when it is updated. *The latest software is available on the Internet.

About touch panels

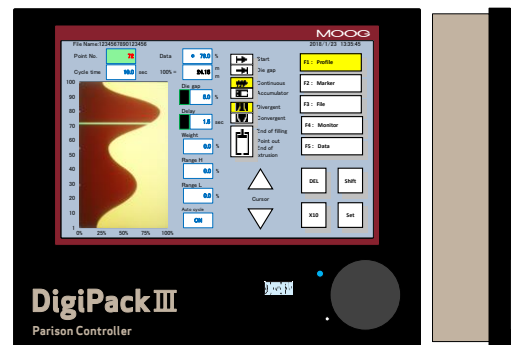
The touch panel adopts a resistive film type. Compared with the electrostatic capacitance type, it is hard to cause malfunction due to noise, and it is unnecessary to perform periodic touch point calibration. In addition, a resistive film type panel is easy to find a substitute product immediately, and stable supply for a long time.

We often hear that the customer is anxious about the durability of the touch panel of DigiPackII. The strength specifications published by the manufacturer compensate for the strength sufficiently, such as 1 million touch tests. The use

of touch panels eliminates the mechanical switches that have been in the DigiPackII, reducing the risks of contact breakage. In addition, the reliability of the controller as a whole is increased by using the fewer number of internal boards.

Using USB memory

DigiPackII has been equipped with SD card slot and a SD card come with. DigiPackIII is equipped with USB slot, but a USB memory does not be supplied. USB memory is easily available on the market. Until now, the operation manual has been stored in the SD card and delivered with DigiPackII. There was no way to deliver the updated manual. For DigiPackIII, the customer is able to get the latest operating manuals and software from the Internet (MOOG website).



View of 1 DigiPackIII

Simplification of functions

Among the features/functions in the conventional DigiPackII, Moog eliminated some functions that are used very infrequently. It makes easier to use for the operator.

The following are the eliminated functions.

- Feed-in of feedback signals by SSI/encoder (DCDT only)
- Pulse signal output (MFB/EFB only)
- RS422 communications (Ethernet only)

DigiPackII & III Spec. Comparison

		Digital Pack II	New Digital pack III
1	Model number	J141-214A	J141-215
2	Number of set points	Maximum 200 pts 25 to 200 pts selectable	Maximum 200 pts 10 to 200 pts selectable
3	Number of the	One axis	← same
4	Accurate position feedback	DCDT ± 10V Core Position Liner pot 0-10V Accumulated Position SSI compliant	DCDT ± 10V Core Position Liner pot 0-10V Accumulated Position
5	Input key	Rotary key, Up/Down key, Function key x 5 Profile editable during execution	Hardware: Rotary key only Other switches changed to touch panel. The numeric keypad can be used to enter numeric values.
6	Screen	Color VGA 640 x 480	Color XVGA 1280 x 800 Touch screen
7	Memory function	External memory: SD card 2GB max. External memory depends on size (Reference) 1 machine data: 4k bytes	External memory: USB 32GB max. Supported Format: FAT32
8	Marker	Serial marker Max. 10 points, settable at any position	← same
9	Shot size	Continuous mode : 0.1 - 999.9 sec. at 0.1 second intervals configurable Accumulation mode: 1% - 100%, intervals of 0.1% configurable	← same
10	Protective function	N/A	Password-protected when the Setup window shifts
11	Communication port	RS422(D-Sub 9pin) Ethernet(TCP/IP)	Ethernet(Tcp/IP)
12	Output specification	±10mA、 ±20mA、 ±50mA、 ±100mA for MFB ±10V for EFB	← same
13	Language	Japanese/English/Chinese	← same
14	Power supply	DC24V (excluding 0.5A external loads)	DC24V (excluding 0.5A external loads) w/Power supply check lamp
15	Dim./weight	288 (W) x 240(H) x 80(D), 3.2Kg	288 (W) x 240(H) x 55(D), 3.6Kg