



TKY-0023 Dual HV Power Supply (-3KV, Remote)

New design 7 step Cock-Craft Wolton HV circuit.
For use your fabricated Wire Chamber and Detector.
This module is provided with the remote controls.
Specifications are the same as original TKY-0020.

Negative use, -3KV 2mA

Remote controls

Front panel

Remote/manual snap Switch and the control is
operate in case remote mode.

Rear panel

☆ voltage set input

According to Input signal 0-10V , the output is to be
Max. Voltage 3KV.

☆ HV/on/off input

In case NIM logic signal or TTL 0 level, output is ON.
Otherwise, output is OFF.

☆ Trip Select

In case NIM logic signal or TTL 0 level, the module
is set Auto Reset mode.

Otherwise, the module is set Trip ON.

☆ NIM/TTL select snap switch is located.

Packaging NIM #2 with SHV and LEMO 00 connectors

Power requirement +24V, -24V, +12V

Weight 2kgs.



This module is HV PS because don't use on low voltage.

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TKY-0023
Dual HV Power Supply
(-3KV)

NEW design 7 steps Cock-Craft HV Circuit.

For use your fabricated Wire Chamber such PPAC, MWPC, MWDC.

2 independent HV power Supply provided monitors.

4 figures Digital Volt Meter (DETAIL) and Current % monitor (FUJIKURA).

Negative use -3KV 2mA

(To be used at about -3KV)

This is provided with remote control.

Controls

HV on-off Switch with LED.

Current, 0.1 μ , 1 μ , 10 μ , 100 μ , 1m, 2m, with fine control.

Voltage control Dial (window 0~3 rotation means about 0~3KV)

The trip (Inter Lock) circuit mounted to protect your Chamber from discharge.

Toggle Switch having for TRIP on and Auto Reset with LED.

Ramping time controls 40~500(V/S)

Ramping is use to increase the output slowly.

Remote/Manual toggle switch and controls is operated in case remote mode.

Input voltage set///incase input signal is 0-10V, output is to be 0~Max., 3KV.

HV on off///in case NIM logic signal or TTL 0 level, output is ON, otherwise OFF.

Trip select///in case NIM logic signal or TTL 0 level, the module is Auto Reset mode
, otherwise module is Trip On mode.

NIM/TTL signal select switch is on rear panel.

Ripple Noise < 3mV p-p 3KV

Provided original active filter is to reduce the noise.

2 independent HV output via SHV connectors in rear panel.

Being DANGER due to High Voltage outputs.

2 voltage Monitor out is 1V/KV.

2 Current Monitor out is 1V/mA.

Trip OUT NIM output connect to the computer or interrupt resister module.

Provided internal buzzer and meter out.

Packaging NIM #2 with SHV and LEMO connectors.

Power requirements +24V 137mA, -24V 120mA, +12V 146mA. at no-load

Weight 2kgs.

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