



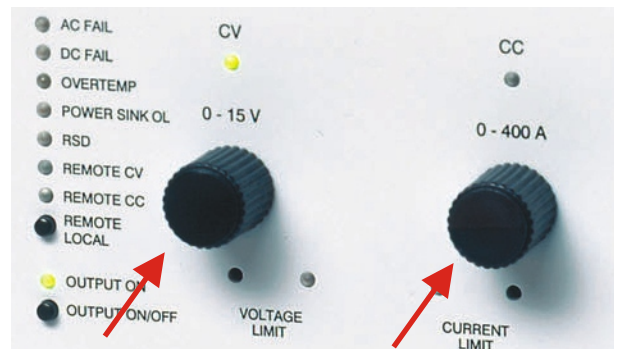
SM6000



## DIGITAL ENCODERS options for SM 800, SM 1500 and SM 6000

<b>Order code:</b>	<b>SM 800</b>	<b>Option P236</b>
	<b>SM 1500</b>	<b>Option P220</b>
	<b>SM 6000</b>	<b>Option P220</b>

- Very long life time
- Variable resolution for high accuracy
- Selectable Start-up mode
- KEYLOCK mode possible



*Digital encoders for CV en CC setting*

With this option the unit has two digital encoders to set the voltage and the current on the front panel instead of the normal 10-turn resistive potentiometers. These encoders enable several intelligent functions and have a very long life time.

### Variable resolution

Variable resolution depending on operation speed. The encoder operates as a standard 10-turn knob when rotated fast. For fine tuning, the encoder operates as a 64-turn (!) knob when rotated slowly.

### The Start-up mode

With this option it is possible to choose between starting up at 0 V - 0 A, or starting up and remember the last settings of the voltage and current.

### The KEYLOCK-mode

Besides the REMOTE/LOCAL and the OUTPUT ON/OFF buttons, also the encoders are disabled in KEYLOCK mode.

When the encoders are operated in this mode, the settings of the voltage and current do not change and the CV or CC LED flashes as an indication.

This prevents the unit from accidental shutdown or changing of the output and programming settings.