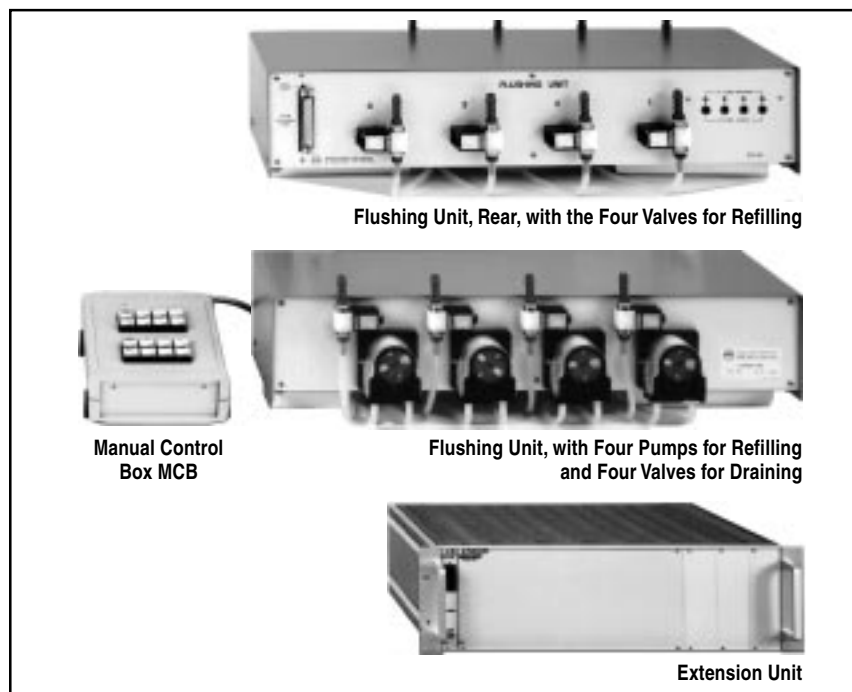


## HSE-Harvard\* Flushing System and Stimulator Module

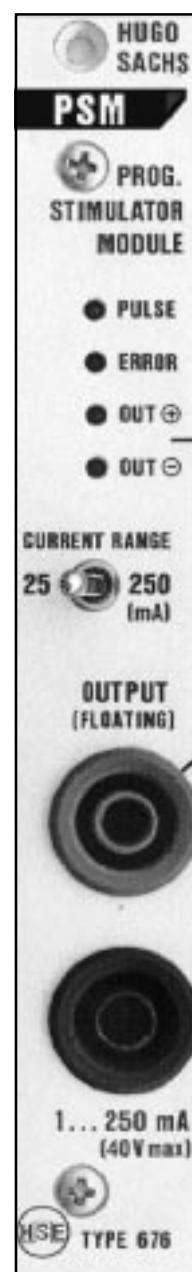


### Programmable Stimulator Module (PSM) for PLUGSYS

- Combination of stimulator and measurement system in one main frame
- Up to 8 channels in one main frame
- For applications with tissue baths

This programmable stimulator module (PSM) is intended for the stimulation of isolated tissue, with operation from PC computer. An appropriate stimulation program is available. The adjustments are made from the PC and

transferred to the PSM. The PSM is ideally suited for computer-controlled experimental setups, e.g. for automatic refractory period determination. Up to 8 PSM modules can be mounted in a PLUGSYS housing.



### Flushing System for Schuler Organ Bath

The flushing section for each tissue vessel consists of a magnetic valve for draining, and the combination of a magnetic valve and a roller pump for refilling. The power supply as well as the four electronic control valves and pumps are located in the extension unit. The manual control box has for each tissue vessel a key for draining and a key for refilling. The possibility to control individually draining and refilling permits two different washout modes: Washing by overflow as dilution wash, or the complete replacement of the solution by draining and refilling. The rate of the roller pump can be adjusted on the flushing unit. The corresponding trimmer is located at the back above the plug for connection to the extension unit. The system can further be equipped with two options:

- Electronic control equipment for motor-operated vernier control for exact setting of preload. Manual control box has for each Vernier a key for up and down. On flushing unit, there are switches to set direction if movement is incorrect.

- Electronic control for automatic control of washout and Vernier control by computing system using adequate software.

#### Specifications

Manual Control Box, H x W x L	70 x 150 x 185 mm
Extension Unit, H x W x D	132 x 483 x 43 mm
Flushing Unit, H x W x D	125 x 565 x 240 mm
Power Requirement	Extension unit, 100 W max.

Catalog No.	Product
CGS 8861.73	MCB Manual Control Box
CGS 8862.73	Flushing Unit, Type 826
CGS 8863.73	PLUGSYS Extension Unit, Type 649/1 Universal 19 in. Rack Model, for Control and Evaluation of 4-Fold Schuler Organ Bath
CGS 8864.73	PLUGSYS Extension Unit Type 649/3 Universal 19 in. Rack Model for Control and Evaluation of 4-Fold Schuler Organ Bath with Auto Setting of Preload in Isometric Measurements