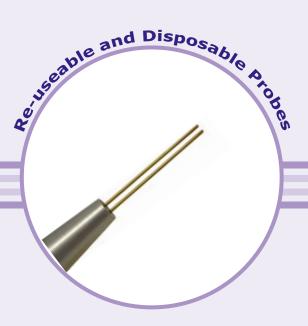


### **DS7A PSARP Constant Current Stimulator**

Electrical Stimulation for Correction of Anorectal Malformation





# Digitimer D\$7A P\$ARP

The Digitimer DS7A PSARP Muscle Stimulator is a variant of our FDA cleared\* and MDD CE certified DS7A Constant Current Stimulator. It has been specially designed to meet the requirements of paediatric surgeons who need a reliable and easy to use muscle locating stimulator when carrying out the Peña, "Pull-through" or posterior sagittal anorectoplasty (PSARP) anorectal reconstruction technique.

\* The DS7A PSARP is not currently FDA cleared and is not for sale within the USA.

This footswitch is is a medical grade foot switch that is sealed to IP68 so as to meet all the requirements of EN 60601 for use within operating theatres.

Footswitch

Part code: D185-FS1





### Re-useable Bipolar Stimulation Probe

The probe is a 17cm long re-useable probe with a pair of gold-plated 0.8mm diameter tips, separated by 1.8mm. The probe is connected to the stimulator via a 260cm long cord which terminates in a pair of 4mm touch proof connectors compatible with the DS7A PSARP stimulator. The probe is supplied non-sterilised and should be cleaned and EtO sterilised according to the manufacturer's instructions before use. Instructions are provided with each probe and are available from Digitimer upon request.

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long D185-HB4-2m Output Extension Cable.

The distal end of the D185-HB4-2m extension cable (pictured left) features a pair of 1.5mm DIN 42802 sockets, compatible with the plugs fitted to the disposable Precision Bipolar Probe.

Part code: G.3604-00

## DS7A PSARP

### **Specifications**

Power: Push rod On/Off switch.

LO (200µs) or HI (500µs), two position rotary switch. Pulse Duration:

Current: O-100mA, continuously adjustable dial.

Compliance Voltage: 100V. Output Frequency: 50Hz.

Output Enable: Toggle Switch (On is Up, Off/Reset is down)\*.

**Output Connections:** 4mm shrouded, touch-proof sockets (red and black) on 3/4" centres.

**Footswitch Connection** Rear Panel 1/4" mono jack socket (for optional D185-FS1 Contact Closure Footswitch).

#### Front Panel Indicators

Power: Green LED, illuminated for power ON.

Trigger: Amber LED, illuminated to indicate stimulus trigger is active.

Compliance: Amber LED, illuminated if the compliance limit is reached i.e the current requested cannot be

delivered (e.g. due to high resistance between probe tips).

Reset/Fault: Red LED illuminated and latched for sensed over current and at power on.

Other

100-120V or 200-240V (externally selected), 47-63Hz, 12VA. Power:

Classification: Class 1 with Type BF applied part.

EN 60601:2006. Safety:

### Installation

Our products do NOT need installation by Digitimer personnel as they are supplied with comprehensive instructions and are easy to set up & operate. However, in the event that you are required to have a DS7A PSARP installed by Digitimer, this will be a chargeable service, the cost of which is determined by the geographical location of the installation. For an estimate of installation costs, please contact us.



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<sup>\*</sup> When used with a D185-FS1 Footswitch, the toggle switch "arms" the stimulator and the footswitch activates the stimulus when pressed.