

TSC LIFE



FLUIDO[®] IRRIGATION



**Your everyday, user-friendly
irrigation fluid warming solution**

tsc-life.com

FLUIDO® IRRIGATION

Fluido® Irrigation has been meticulously crafted to facilitate state-of-the-art procedures. It empowers you to explore innovative techniques intuitively and with confidence, so you can move your practice forward while supporting safe, optimal outcomes.

Perioperative Hypothermia

Endoscopic procedures across various medical specialties rely on the use of high volumes of irrigation fluids. These irrigation fluids play a crucial role in clearing the surgical site of blood and particulates, thereby ensuring optimal visualization throughout the procedure. However, administering irrigation fluids at room temperature or below has been shown to increase the risk of perioperative hypothermia.¹ By actively warming irrigation fluids during administration, the Fluido Irrigation System not only minimizes the risk of inadvertent perioperative hypothermia but also offers significant benefits for healthcare professionals.

Utilizing the Fluido Irrigation System can support you with:



Adjusting the fluid temperature instantly, meeting your surgical needs at the push of a button.



Ensuring you have optimal visualization throughout the entire procedure minimizing air bubbles, and ensuring you have ample supply of warmed fluids to remove tissue and blood.



Streamlining your workflows and resources providing you an unlimited supply of normothermic irrigation fluids.



Minimizing the risk of perioperative hypothermia and thermal injuries, potentially improving patient outcomes and reducing length of stay.²



Reducing the risk of medication taking a prolonged time to metabolize. Even mild hypothermia can result in prolonged time for medication to metabolize. By supporting normothermia you can potentially reduce a delay in awakening.³

Did you know?

Historically transurethral resection of the prostate (TURP) is seen as the gold standard for men with benign prostatic hyperplasia (BHP). Introduced in the early 1990s Holmium enucleation of prostate (HoLEP) has revolutionized the treatment for BHP, showing multiple favorable results.⁴ HoLEP does however require significant volume and flow rate of irrigation.⁵

	Normothermic Flow	Patient Line	Filling Volume
Fluido Irrigation URO Set Art. no.: 670800-B	20-650mL/min	2000mm	285mL

Simple control panel
allowing you to adjust
the fluid temperature
instantly from 30-39°C

Powerlifter, easily
operated with a foot
pedal, simplifying
your workflow by
reducing the need
for heavy lifting.

Powerlifter
Art. no.: 660100-B

Fluido Irrigation
Art.no.: 651230-I



Innovation with purpose

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Classification IEC 60601-1 Class I Cardiac Floating
Classification MDD 93/42/EEC Class IIb

1. Guideline for prevention of hypothermia. In: Guidelines for Perioperative Practice. Denver, CO: *AORN, Inc*; 2020: 327-356.
2. Kurz A, Sessler DI, Lenhardt R. Perioperative normothermia to reduce the incidence of surgical-wound infection and shorten hospitalization. Study of Wound Infection and Temperature Group. *N Engl J Med*. 1996;334(19):1209-1215. doi:10.1056/NEJM199605093341901
3. Rainer Lenhardt, Elvine Marker, Veronika Goll, Heinz Tschernich, Andrea Kurz, Daniel I. Sessler, Edith Narzt, Franz Lackner; Mild Intraoperative Hypothermia Prolongs Postanesthetic Recovery. *Anesthesiology* 1997; 87:1318–1323 doi: <https://doi.org/10.1097/00000542-199712000-00009>
4. Michalak J, Tzou D, Funk J. HoLEP: the gold standard for the surgical management of BPH in the 21(st) Century. *Am J Clin Exp Urol*. 2015;3(1):36-42. Published 2015 Apr 25.
5. Chapman RA, Halliday P. Do on-demand irrigation warmers provide an adequate intraoperative rate of irrigation for holmium enucleation of the prostate? *Journal of Clinical Urology*. 2016;9(4):244-247. doi:10.1177/2051415815623123

The use of our medical equipment is solely intended for the use of healthcare professionals. Healthcare professionals have the obligation to exercise their own professional clinical judgment when determining the suitability of a specific product for treating an individual patient. TSC Life does not provide medical advice and strongly advises healthcare professionals to undergo training on the usage of any specific product before using it. Healthcare professionals should consistently refer to the package insert, product label, and/or instructions for use, including guidelines for cleaning and sterilization (if applicable), before utilizing any product supplied by TSC Life. The information presented aims to display specific products and the extensive range of offerings from TSC Life. Availability of products may vary across markets due to regulatory and/or medical practices specific to each region. For inquiries regarding the availability of specific TSC Life products in your area, please reach out to your TSC Life representative.



The Surgical Company International B.V.

Beeldschermweg 6F | 3821 AH Amersfoort | The Netherlands

T +31 33 450 72 50 | letsconnect@tsc-life.com | www.tsc-life.com | CC no. 31029240