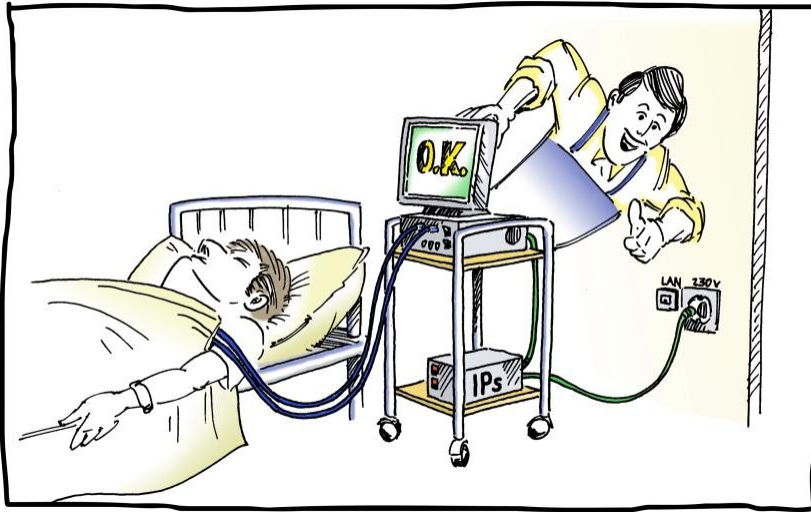


## NwI! Do you know this?

### Mains Isolation ...

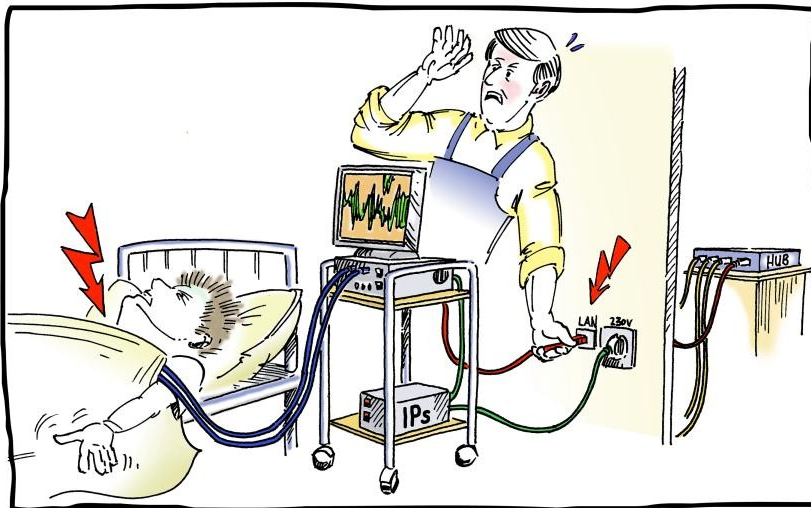


So far so good ...

Warranty of electrical security is realised by application of a mains isolating transformer for medical usage (Isolated Power Supply IPS).

Available with a nominal Power output rated from 330 VA up to 1400 VA.

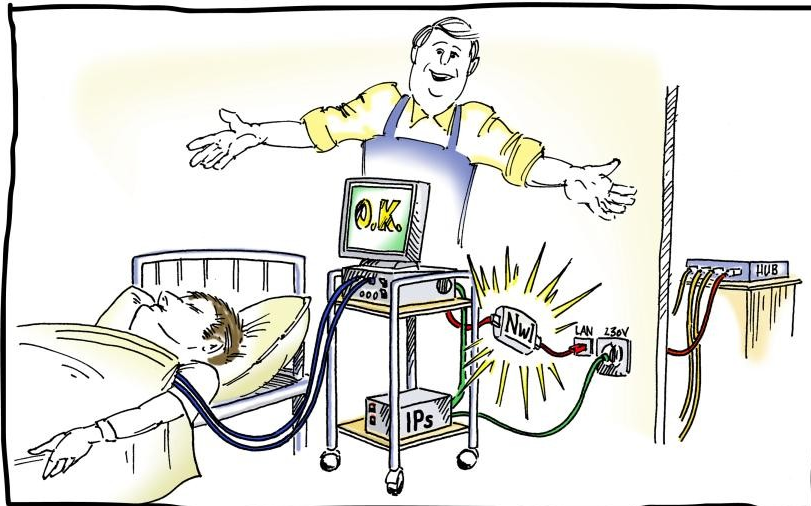
### without network isolation?!



**Danger!**

By connecting the medical device or system (PC / measuring station, ...) to a Network (LAN) the electrical security, accomplished by an isolating transformer, is deactivated.

### Never again without Network Isolation (NwI)!



**The Solution:**

Pluggable network isolation for 10/100 Base-T or 10/100/1000 Base-T Nets with medical-CE label (93/42/ECC, MDD 2007) and electrical security according to IEC 60601-1:2005 (DIN EN 60601-1:2006)

Connection: 2 RJ45 sockets

Proof voltage : 4kV

Dimensions: (90 x 50 x 25)mm<sup>3</sup>

Weight: 64g

Remaining cable length: min. 80m of 1000Base-T

You are welcome to contact us. We will inform you personally.

# Medical Network Isolation - NwI

## Technical Data

<b>Medical Network Isolation - NwI Giga V 4.4</b>		
Manufacturer		DeMeTec GmbH, Lützelwiesen 5 35428 Langgöns (Germany)
Mains voltage		Not applicable
Mains frequency		Not applicable
Power consumption		Not applicable
<b>Classification</b>	Protection against electric shock or Protection class I / II	Not applicable
	Protection against penetration of water or solid substances	IP30
	Sterilisation	Not intended
	Aptitude for use in with oxygen enriched ambient	Not intended
	Operation mode	Continuous operation
Operating conditions	Temperature	+41°F to +158°F / 5°C to +70°C
	Relative humidity	10% to 90% (non-condensing)
Storage conditions	Temperature	-13°F to +185°F / -25°C to +85°C
	Relative humidity	10% to 95% (non-condensing)
Dimensions (L×W×H)		(90×50×25)mm <sup>3</sup>
Weight		64g
Classification as defined by Annex IX, MDD		Class I
Network-specification		IEEE 803.2 10/100-Base T, Twisted-Pair, auto-conf (completely transparent in the network)
Voltage endurance between the network connectors		4kV
Rated voltage		230V AC
Insulation stretch		2 × MOPP
Air clearance		> 8mm
Creepage distance		> 8mm
Connectors		2 × RJ45
Attenuation	10MBit (10-Base T)	< 0,5dB (Network cable length max. 100m)
	100MBit (100-Base T)	< 0,7dB (max. Network cable length: min. 95m)
	1000MBit (1000-Base T)	< 2,3dB (max. Network cable length: min. 80m)
<b>Accessory</b>		<b>Patch-cable 0,5m, grey, CAT5e (Article no. WR-083)</b>