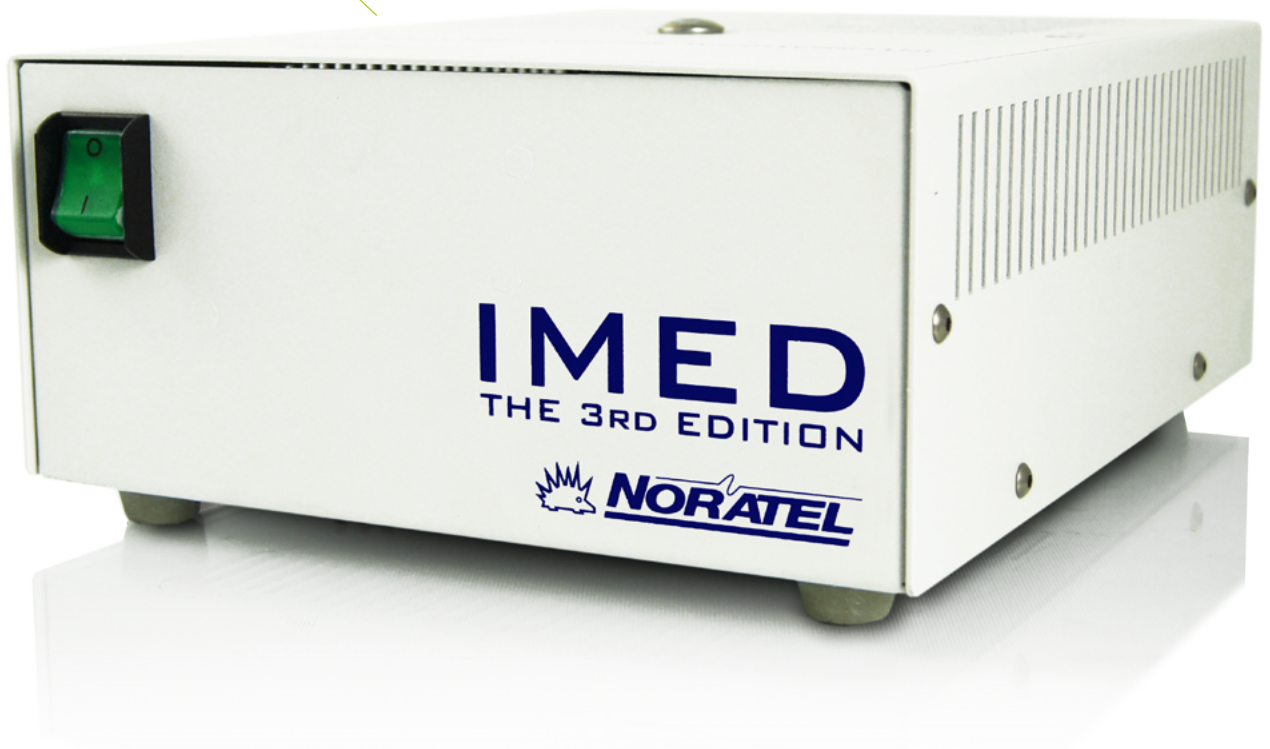


Isolation transformer IMED 3rd

Baaske Medical — your ISO-certified medical partner



Changes and errors excepted.

The medical isolating transformers **IMED** have been designed for the power supply of high reliable **medical electric systems** (ME systems). These are **ME systems** which may not fail at all, even in the case of major interferences of the supply voltage. The power supply of such **ME systems** has to be immune especially against half-wave failures. Without special Half-wave failures may lead to high over-currents in the isolating transformer. As a consequence of this, the input fuse of the device or the circuit breaker of the building's sub-distribution may fail. Congruent the different international voltage zones we also present the isolating transformers of the **3rd Edition** as a Euro series for 230 V \sim operating voltage and as international series with separately operable voltage selector switches on the primary and secondary side for the operation with 115 V \sim and 230 V \sim .

Component part:

- ▶ external isolation guard with temperature control
- ◀ mechanic retaining kit for the input and output plug
- ▶ mounting possibility

medical isolation transformer for power supply of reliable medical electric systems (ME systems)

electronic switch-on control

Half-wave failures are compensated - input fuse without failures

switched on again without current pulse after a drop out

self resetting temperature switch in the case of dangerous overheating

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▶ Technical Data - Euro Serie IMEDe

Type	300 VA	600 VA	1000 VA	1500 VA	2000 VA
Art.-No.	2006873	2006874	2006875	2006876	2006877
Max. power output	300 VA	600 VA	1000 VA	1500 VA	2000 VA
Max. power input	330 VA	630 VA	1040 VA	1540 VA	2050 VA
Output sockets	5 x IEC 320	5 x IEC 320	7 x IEC 320	7 x IEC 320	7 x IEC 320
Housing protection class	IP20	IP20	IP20	IP20	IP20
Weight (without packing)	6,6 Kg	9 Kg	13,2 Kg	18,2 Kg	21,5 Kg
Dimensions (L x W x H) mm	275x219x109	275x219x109	344x285x109	344x285x109	344x285x109
Device leakage current (primary)	< 100 µA	< 100 µA	< 100 µA	< 250 µA	< 250 µA
Output leakage current (sec.)	< 70 µA	< 70 µA	< 100 µA	< 100 µA	< 100 µA
Input and output voltage	primary 230 V~, secondary 230 V~, 50/60 Hz				
Inrush current limiter	electronic with fast half-wave failure recognition				
Short circuit protection	2-pole magnetic circuit breaker				
Excess temperature display	temperature switch with display via external ELGT (no deactivation)				
Housing design	sheet steel housing, powder-coated				
Color	light-grey				
Mains cable primary	included in delivery				
Standards	EN60601-1 3rd Edition ; EN60601-1-2 ; EN61558-1 ; EN61558-2-4				

▶ Technische Daten - International IMEDi

Type	300 VA 230/115 V	600 VA 230/115 V	1000 VA 230/115 V	1500 VA 230/115 V
Art.-No.	2006869	2006870	2006871	2006872
Max. power output	300 VA	600 VA	1000 VA	1500 VA
Max. power input	330 VA	630 VA	1040 VA	1540 VA
Output sockets	5 x IEC 320	5 x IEC 320	7 x IEC 320	7 x IEC 320
Housing protection class	IP20	IP20	IP20	IP20
Weight (without packing)	ca. 6,7 Kg	ca. 9,1 Kg	ca. 13,2 Kg	ca. 18,3 Kg
Dimensions (L x W x H) mm	275x219x109	275x219x109	344x285x109	344x285x109
Device leakage current (primary)	< 100 µA	< 100 µA	< 100 µA	< 250 µA
Output leakage current (sec.)	< 70 µA	< 70 µA	< 100 µA	< 100 µA
Input and output voltage	primary 115 V~ oder 230 V~, secondary 115 V ~ oder 230 V~, 50/60 Hz			
Inrush current limiter	electronic with fast half-wave failure recognition			
Short circuit protection	2-pole magnetic circuit breaker			
Excess temperature display	temperature switch with display via external ELGT (no deactivation)			
Housing design	sheet steel housing, powder-coated			
Color	light-grey			
Mains cable primary	included in delivery			
Standards	EN60601-1 3rd Edition ; EN60601-1-2 ; EN61558-1 ; EN61558-2-4			

Rev. 3