

**TELEFUNKEN**

## TELEFUNKEN Defibrillator Technical Data:

Device	Value
Dimensions	220 x 275 x 85mm (h-w-d)
Weight including battery	2,6 kg
Device class according guideline 93/42/EEC	IIb
<b>Operation conditions</b>	
Temperature range	0° C - 50°C
Pressure	800 – 1060 hPa
Humidity	30% – 75%
<b>Storage Conditions</b>	
Temperature range (max. 2 weeks)	-20° C - 60°C
Pressure	800 – 1060 hPa
Humidity	0% – 95%
Protection class against water and dust	IEC 529: IP 55 (water jets protected)
Free Drop	IEC 601-1:1988+A1:1991+A2:1995
Electromagnetic compatibility	EN 60601-1-2:2001 CISPR 11(EN 55011) EN 61000-4-2:1995/A1 :1998/A2 :2001 EN 61000--4-3: 2002/A1 :2002 EN 61000-4-8: 1993+A1 :2001
Applied norms	EN 60601-2-4:2003
Resuscitation protocol	ERC / AHA 2010
<b>Self Test</b>	
Interval	Daily, monthly, at switch on
Time	Programmable (service only)
Scope	Battery, electronic, software, high current
<b>Electrodes</b>	
Delivery status	self-adhesive disposable electrodes
Cable length	200cm
Electrode surface	125cm <sup>2</sup> each
Durability	40 month
Transport/storage	0° C - 50°C
<b>Energy supply</b>	
Type	Alkaline
Weight	930gr
Shock capacity	Up to 210 Shocks
Minimum capacity	100 Shocks
Monitoring capacity	Up to 20 hours
Rated capacity	3400 mAh
Battery exchange	Every 3 year
Fuse	15A
Stand by time	5 year

<b>Defibrillation Analysis</b> Operation mode Waveform Delivered energy  Delivered energy at 50Ω  Max. Patient Impedance Shock sequence	Automated ( 1 button operation) Biphasic, current controlled Low energy (max. 181J at 75Ω) High energy (max. 275J at 75Ω) Low energy: 174J < +/- 15% High energy: 270J < +/- 15% 290Ω Programmable (service only) constant or escalating
<b>Cycle time (analysis and shock preparation)</b> With full battery After 15 shocks After 6 shocks	< 15 sec < 20 sec < 15 sec
<b>Cycle time (Switch-on, analysis and shock preparation)</b> With full battery After 15 shocks After 6 shocks	< 40 sec < 45 sec < 40 sec
<b>Defibrillation System</b> Energy level programmable (service only)	Low (168J +/- 10% at 50Ω) High (298J +/- 10% at 50Ω)
<b>ECG analysis</b> Analysis time Impedance control Motion & artifact detection  Reaction on implanted pacemaker  Asystole threshold Sensitivity VF/fast VT Specificity NSR/asystole	< 10 sec Control of electrode contact quality Continuous check of signal quality Acoustic warning at motion detection Normal pacemaker rhythms are correctly recognized and identified as non-shockable < ±80μV > 90%, typ. 98% > 95%, typ. 96%
<b>Operation</b> Operation control  Information Mode  Indicators  Acoustic signals  Communication	On/Of button, flashing shock button, information button  Announcement of elapsed time and number of shocks since the device was started by pressing the on/off button -Lit symbols Device status indicators (Ready, battery change, self-test result / service indicator voice prompts Signal tones (in use) Signal tones (in stand-by mode for device failure or low battery power) USB 2.0 (service only)
Languages	<b>Danish, Dutch, English, French, German, Italian, Mandarin Chinese, Norwegian, Russian, Spanish, Swedish</b>