

LIFE LINE

Life-Saving Technology Within Reach



LIFELINE AED Semi-automatic Defibrillator

Defibtech has designed a revolutionary new semi-automatic external defibrillator, from the ground up.

Technologically advanced enough to include all mission critical features necessary to provide the most advanced treatment for Sudden Cardiac Arrest. Yet so simple and unintimidating to use that even non-medical personnel can effectively save lives.

The Lifeline AED was developed by experienced multidisciplinary engineering teams and incorporates state-of-the-art digital signal processing techniques and advanced ECG analysis algorithms.

This enables the device to exceed the American Heart Association performance recommendations, giving the user confidence the correct therapy is being delivered.

The Lifeline AED defibrillator uses advanced biphasic technology — including the most studied biphasic shock waveform — and automatically adjusts the shock delivery to the person's individual needs.

For first response professionals like police, fire and EMS, the Lifeline AED is standard equipment. For schools, offices, stores, malls, factories, and public places, it's becoming as vital as the fire extinguisher.

Lifeline AED Semi-automatic Defibrillator

TECHNICAL SPECIFICATIONS *

Defibrillator

TYPE
Semi-automatic external defibrillator

MODEL
DDU-100A, DDU-100E

WAVEFORM
Biphasic Truncated Exponential
(Impedance compensated)

ENERGY
Adult: 150 Joules
Pediatric: 50 Joules
(Nominal into 50 Ohm load)

CHARGE TIME **
DBP-2800: Less than 6 seconds
DBP-1400: Less than 9 seconds

VOICE PROMPTS
Extensive voice prompts
guide user through operation
of the unit and CPR

CPR PACING
Metronome

CONTROLS
Lighted On/Off button
Lighted Shock button

INDICATORS
· "check pads"
· "do not touch patient"
· "analyzing"
· AED Status LED

**Typical, with new battery at 25° C

Patient Analysis System

PATIENT ANALYSIS
Automatically evaluates patient
impedance for proper pad contact.
Monitors signal quality and
analyzes patient ECG for shockable/
non-shockable rhythms

SENSITIVITY/SPECIFICITY
Meets AAMI-DF-39 specifications
and AHA recommendations

Battery Pack

MODEL DBP -2800	MODEL DB P-1400
POWER 15V, 2800 mAh	POWER 15V, 1400 mAh
CAPACITY 300 shocks or 16 hours continuous operation**	CAPACITY 125 shocks or 8 hours continuous operation**
STANDBY LIFE 7 years**	STANDBY LIFE 5 years**

TYPE
Lithium/Manganese Dioxide
Disposable, recyclable,
non-rechargeable

LOW BATTERY INDICATORS
Visible
Audible

**Typical, with new battery at 25° C

Self Tests

AUTOMATIC
Automatic daily, weekly, monthly
and quarterly circuitry tests

BATTERY INSERTION
System integrity test
on battery insertion

PAD PRESENCE
Pads preconnected tested daily

USER-INITIATED
Unit and battery pack system test
may also be initiated by the user

STATUS INDICATION
Visual and audible indication
of unit status

*Specifications subject to change without notice

Defibrillation/Monitoring Pads

MODEL
Adult – DDP-100
Child/Infant – DDP-200P

TYPE
Pre-connected, single-use,
non-polarized, disposable,
self-adhesive electrodes
with cable and connector

SURFACE AREA
103 cm² (nominal, each pad)
50 cm² (nominal, each pad)

PAD PLACEMENT
Adult – Anterior/Anterior
Child/Infant – Anterior/Posterior

CABLE LENGTH (typical)
48 in (122 cm)

Event Documentation

INTERNAL EVENT RECORD
Critical ECG segments and rescue
event parameters are recorded
and can be downloaded to a
removable data card

PC-BASED EVENT REVIEW
ECG with event tag display,
and audio playback when available

REMOVABLE STORAGE
(optional)
Up to 12 hours of ECG and event
data storage (no audio option) or
up to 2 hours of audio, ECG and
event storage (audio option) on a
removable data card. Actual length
of storage is dependent on card
capacity

Environmental

TEMPERATURE
Operating:
0 to 50°C (32 to 122°F)
Standby (with battery installed):
0 to 50°C (32 to 122°F)

RELATIVE HUMIDITY
Operating / Standby: 5% – 95%
(non-condensing)

ALTITUDE
-500 to 15,000 ft (-150 to 4500 m)
per MIL-STD-810F 500.4 Procedure II

VIBRATION
Ground (MIL-STD-810F 514.5
Category 20)

Helicopter (RTCA/DO-160D,
Section 8.8.2, Cat R, Zone 2,
Curve G)

Jet Aircraft (RTCA/DO-160D,
Section 8, Cat H, Zone 2,
Curves B & R)

**SHOCK / DROP ABUSE
TOLERANCE**
MIL-STD-810F 516.5 Procedure IV
(1 meter, any edge, corner,
or surface, in standby mode)

**SEALING / WATER
RESISTANCE**
IEC60529 class IP54;
Splash Proof, Dust Protected
(Battery Pack installed)

ESD
EN 61000-4-2:2009 (open air up to
15kV or direct contact up to 8kV)

EMC (Emission)
EN 60601-1-2:2001 +A1:2006, limits
EN 55011:1998 +A1:1999 +A2:2002
Group 1 Level B, method

EMC (Immunity)
EN 60601-2-4:2003, limits
EN 61000-4-3:2002
Level 3 (10V/m), method

Physical

SIZE
8.5 x 11.8 x 2.7 inches
(22 x 30 x 7 cm)

WEIGHT (Approximate)
With DBP-1400: 4.2 lbs (1.9 kg)
With DBP-2800: 4.4 lbs (2.0 kg)



Defibtech, LLC • Guilford, CT 06437 1-203-453-4507
1-866-DEFIB-4U (866-333-4248) • www.defibtech.com



DAC-700-EN-BC rev A

ELECTRONIC DISTRIBUTION

AED Pad



Adult AED Pad



Child / Infant AED Pad

Battery



High Capacity Battery - 2800mAh



Standard Capacity Battery - 1400mAh

CPR Kit

- CPR Pocket Mask 1 pc
- Razor x 1pc
- Utility Scissors 15cm x 1 pc
- Alcohol Swab x 2pcs
- Vinyl Glove x 1 pair



AED Cabinet

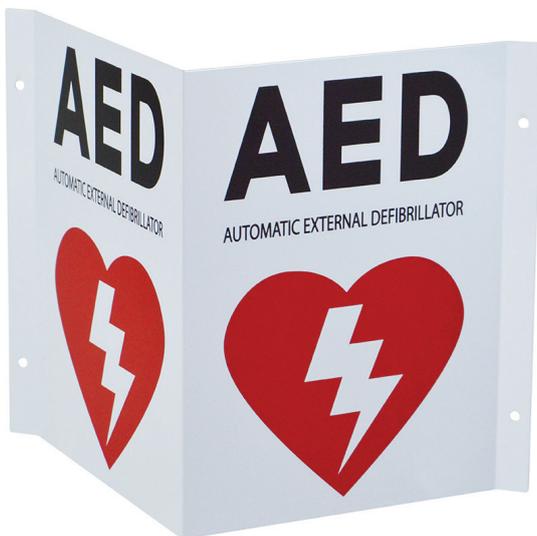
This well constructed high quality AED wall cabinet comes with an alarm & light.

- Stainless steel handle
- With alarm, strobe light & Lock
- Fit for all AED in the market

Dimension (LxWxH) = 40cm x 20cm x 36cm
Weight: 5Kg



Aluminum Triangular AED Wall Signage



- Can be mounted on any flat surface
- Contain 2 panels printed with the same information
- Offer 180° visibility
- Rust free, chip and crack resistant

Dimension: 19cm (L) x 19cm (W) x 20cm (H)
Weight: 200g

AUTHORIZED DISTRIBUTOR

No. Siri: **039164**
Serial No.:

ASAL
ORIGINAL

PIHAK BERKUASA
PERANTI PERUBATAN



MEDICAL DEVICE
AUTHORITY

PIHAK BERKUASA PERANTI PERUBATAN
MEDICAL DEVICE AUTHORITY
AKTA PERANTI PERUBATAN 2012 (AKTA 737)
MEDICAL DEVICE ACT 2012 (ACT 737)
SIJIL PENDAFTARAN PERANTI PERUBATAN
MEDICAL DEVICE REGISTRATION CERTIFICATE
Seksyen 5(1) Akta 737
Section 5(1) of Act 737

No. Pendaftaran: **GC456171067718** Tarikh Sah Pendaftaran: **26/06/2018 - 25/06/2023**
Registration No.: Registration Validity Date:

Sijil ini adalah dengan ini diberi kepada: **VITALFOUR MEDICAL SDN BHD**
This certificate is hereby issued to:

yang beralamat di: **NO 36-1 & 40, JALAN RAMPAI NIAGA 4,**
which is located at: **MEDAN NIAGA RAMPAI,**
53300 KUALA LUMPUR

bagi mengesahkan peranti perubatan seperti yang dinyatakan dalam Lampiran 1 adalah berdaftar di bawah Seksyen 5(1) Akta 737.
to confirm that the medical device as detailed out in Attachment 1 is registered under Section 5(1) of Act 737.

Pendaftaran ini diberikan tertakluk kepada peruntukan-peruntukan di bawah Akta 737 dan peraturan-peraturan yang dibuat dibawahnya serta syarat-syarat seperti di Lampiran 2.
This registration is granted subject to the provisions under Act 737 and its subsidiary legislations and the conditions as in Attachment 2.

AHMAD SHARIFF BIN HAMBALI
KETUA EKSEKUTIF
CHIEF EXECUTIVE
PIHAK BERKUASA PERANTI PERUBATAN
MEDICAL DEVICE AUTHORITY



MDA Product Registration Certificate for DDU-100E

COPY MEDICAL DEVICE AUTHORITY COPY

LAMPIRAN 1
Attachment 1



No. Pendaftaran: **GC456171067718**
Registration No.:
Butir-butir peranti perubatan yang didaftarkan
Particulars of the registered medical device
Nama Peranti Perubatan **LIFELINE AED (SEMI-AUTOMATIC EXTERNAL DEFIBRILLATOR) MODEL**
Medical Device Name **DDU-100E**
Kelas **CLASS C** Jenama **DEFIBTECH**
Class **Brand**
Kelompok **SYSTEM**
Group
Nama dan alamat pembuat: **DEFIBTECH, L.L.C**
Name and address of **741, BOSTON POST ROAD, SUITE 201 GUILDFORD, CT 06437 ,**
manufacturer **06437**
UNITED STATES

APPENDIX

NO	NAME AS PER DEVICE LABEL	IDENTIFIER	BRIEF DESCRIPTION OF ITEM
1	Lifeline AED Model DDU-100E (Semi automatic external defibrillator) , containing:	Model: DDU-100E	Lifeline AED is a semi automatic external defibrillator, offered with adult defibrillation pads and a standard capacity battery. High capacity batteries, pediatric defibrillation pads and other accessories are offered as optional accessories.
2	Adult Electrode Pads	DDP-100	Adult electrode pads
3	Child/Infant Electrode Pads	DDP-200P	Child/infant electrode pads
4	Battery Pack	DBP-1400	Standard capacity battery pack
5	Battery Pack	DBP-2800	High capacity battery pack

End Of Product List

Halaman 1 daripada 1
Page 1 of 1

ASAL
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AUTHORITY

PIHAK BERKUASA PERANTI PERUBATAN
MEDICAL DEVICE AUTHORITY
AKTA PERANTI PERUBATAN 2012 (AKTA 737)
MEDICAL DEVICE ACT 2012 (ACT 737)
SIJIL PENDAFTARAN PERANTI PERUBATAN
MEDICAL DEVICE REGISTRATION CERTIFICATE
Seksyen 5(1) Akta 737
Section 5(1) of Act 737

No. Pendaftaran: **GC279921174718** Tarikh Sah Pendaftaran: **26/09/2018 - 25/09/2023**
Registration No.: Registration Validity Date:

Sijil ini adalah dengan ini diberi kepada: **VITALFOUR MEDICAL SDN BHD**
This certificate is hereby issued to:

yang beralamat di: **NO 36-1 & 40, JALAN RAMPAI NIAGA 4,**
which is located at: **MEDAN NIAGA RAMPAI,**
53300 KUALA LUMPUR

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to confirm that the medical device as detailed out in Attachment 1 is registered under Section 5(1) of Act 737.

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MEDICAL DEVICE AUTHORITY



MDA Product Registration Certificate for DDU-120E

COPY MEDICAL DEVICE AUTHORITY COPY

LAMPIRAN 1
Attachment 1



No. Pendaftaran: **GC279921174718**
Registration No.:
Butir-butir peranti perubatan yang didaftarkan
Particulars of the registered medical device
Nama Peranti Perubatan **LIFELINE AUTO (FULLY AUTOMATIC EXTERNAL DEFIBRILLATOR)**
Medical Device Name **MODEL DDU-120E**
Kelas **CLASS C** Jenama **DEFIBTECH**
Class **Brand**
Kelompok **SYSTEM**
Group
Nama dan alamat pembuat: **DEFIBTECH, L.L.C**
Name and address of **741, BOSTON POST ROAD, SUITE 201 GUILDFORD, CT 06437 ,**
manufacturer **06437**
UNITED STATES

APPENDIX

NO	NAME AS PER DEVICE LABEL	IDENTIFIER	BRIEF DESCRIPTION OF ITEM
1	Lifeline AUTO Model DDU-120E (Fully automatic external defibrillator) , containing:	Model: DDU-120E	Lifeline AUTO is a fully automatic external defibrillator, offered with adult defibrillation pads and a standard capacity battery. High capacity batteries, pediatric defibrillation pads and other accessories are offered as optional accessories.
2	Adult Electrode Pads	DDP-100	Adult electrode pads
3	Child/Infant Electrode Pads	DDP-200P	Child/infant electrode pads
4	Battery Pack	DBP-1400	Standard capacity battery pack
5	Battery Pack	DBP-2800	High capacity battery pack

End Of Product List

Halaman 1 daripada 1
Page 1 of 1

