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Specification of Peads Rehabilitation Equipemnts.

1	Wall Ladder , simple model	1 No.		
2	Monkey Bar Wooden Wooden Shoulder finger Ladder Local	1 No.		
3	Board and whole board. 1.5x1.5 ft prefererably multiple shapes wholes/multicolored. Local	1 No.		
4	Gym Kit Board Laminiated exercise board with storage drawer have several holes to fix pegs and springs. Comes one finger disc, one roller, three springs loaded knobs, 3 aluminum pegs and 3 sets of springs of different tensions. The unit permits active & passive flexion & exercise of fingers & grip. Local	1 No.		
5	Wavy Tactile Patway Set of 8 lengths makes maximum of 5 meter track with Local	1 No.		
6	Cerebral Palsy Standing Frames. 4ft height with adjustable knee support and table Local	1 No.		
7	Bolsters Set. Premium molded roles with size 1. 10" elevation x 48"length size 2. 14" elevation x 48" length.	1 No.		
8	Therapy Floor Mats Exerices mats 6 into 12 ft Airex 'Corona' 185x100x1,5 cm, 3.8 kg, red	2 Nos.		
9	Wedges Set Wedge shaped cushion, dia. 50x40x12cm	4 Nos.		
10	Cerebral Palsy Chair 14" x 14" fully padded.	1 No.		
11	Parallel Bar	1 No.		

	3x10ft length Local	
12	Stationary Cycle. Adjustable seats / heights to fit child's requirements, resistance tension control. Local	1 No.
13	Hurdles 3x3 ft wooden base with soft foam & imported raxine cover Local	1 No.
14	Correction Mirror 3 mirror set in frame, united with each other with wheels. Local	1 No.
15	Balance Board Balance board, grey, dim. 150x60x17 cm	1 No.
16	Hydraulic Stool Adjustable heights with hydraulic control & lock mechanism Local	2 Nos.
17	Bean Bags Set Small & medium sizes Local	1 No.
18	Sensory kit whole kit Local	1 No.
19	Walking Frames Adjustable size chromed Local	1 No.
20	Quadripod Gai Trander Quadriceps bench (grey) incl. 1 Dimensions : 127 x 70 x 90 cm. (HxWxD) Weight : 30 kg. (excl. weight discs) Maximum patient weight : 135 kg. Angular adjustability of the Range of Motion limiters : 0° to 360° in steps of 20° Lever arm adjustment : from 15 to 45 cm. Angular adjustability of the lever arm : 0° to 360° in steps of 20° Weight discs : 10 x 0,5 kg, 1 x 5 kg	1 No.
21	Sensory Board 3x4 ft with sensory objects of activities of daily living.	1 No.

Local

22 Tilt Table Small 1 No.

2-section, head-section, hydraulic H/L
Size tabletop (lxw): 200x67 cm (optional 57 or 80 cm width on models 311, 321, 312 and 322)
Height adjustment: 45-95 cm
Lifting time (min.-max.): approximately 25 sec.
Lifting capacity: 150 kg
Force electrical motor: 6.000 N
Power supply: 100 / 120 / 230V AC 50/60 Hz
Current consumption: 1.0 A max.
Moisture resistance: according IP 44
Force hydraulic pump: 10.000 N
Upholstery: Gray colors

Equipemnt of Kinesiology & Biomechanics Labs.

1 Goniometer

Prestige Medical 12" Protactor Goniometer 360 degree 1 No.
Local

OB Goniometer 1 No.
Local

Finger Goniometer 1 No.
Local

Wrist Goniometer 1 No.
Local

Large Joint Goniometer 1 No.
Local

2 Posture Assessment Grid 2 Nos.
Grid Size 7ft x 4ft.
Local

3 Hand Grip Dynamometer 2 Nos.
Standard
Local

4 Inclinator 2 Nos.
Standard
Local

5 Electronic Weight Scale 2 Nos.

Standard
Local

6 Traction Table and Unit 1 No.

Form of therapy: Static, Intermittent, Pro- and Regressive, Cyclic
Traction force: 15 - 900 N / 1.5 - 90 kg / 3.4 - 202 Lbs
Traction force / base force hold time: 1 sec. - 1 hour (1 sec. intervals)
Repeats (intermittent and cyclic): 1 - 100
Steps hold time (pro- and regressive): 1 sec.- 5 min. (1 sec. intervals)
Steps (pro- and regressive): 1 - 25
Speed (change of traction force): 1 - 50 N/sec. (1 N intervals)
0.1 - 5.0 kg/sec.
0.2 - 11.2 Lbs/sec.
Treatment time: 1 sec. - 150 min.
Programmable favorites: 100+
Sequential programming: Yes (up to 5 forms of therapy)
Safety control for traction force above: 200 N / 20 kg / 45.2 Lbs
Touch screen: 4.3 inch, full colour, capacitive
Mains voltage: 100 - 240 V (50/60 Hz)

Standard accessories

Nylon cord 170 cm with carabine hook
Fixing knobs, set of 4
Patient stop switch
Mains cable 230V - EUR
Operating manual (CD-rom)
Information booklet
Manumed Special Traction 2-section, back, fixed height (type 004) 1
Thoracic belt 1
Pelvic belt 1
Clamp for fitting fixation straps 2
Padded neck harness, complete with spreader bar 1
Traction frame Manumed Special Traction 3450500 (width 480mm) 1
Flexistool, with separate height adjustment for each leg 1
Saunders clinical traction unit including mounting bracket. 1

7 Crutches, Stick and Frame Wheel Chair 1 No.

One each
Adjustable, Local

8 Couch / Treatment Table 1 No.

Size tabletop (l x w): 201x67 cm
Size tabletop (l x w): 198x67 cm

Height adjustment: 45-95 cm
 Lifting time (min.-max.): approximately 25 sec.
 Lifting capacity: 150 kg
 Force hydraulic pump: 10.000 N
 Force electrical motor: 6.000 N
 Power supply: 100/120/230V AC 50/60 Hz
 Current consumption: 1.0 A max.
 Moisture resistance: according IP 44

9 Trampoline **1 No.**
 Medium Size
 Adjustable, Local

Equipemnt of Therapeutic Exercise and Manual Therapy Labs.

1 Massage Table **1 No.**
 Standard
 Local

2 Balance Board **1 No.**
 Balance board, grey, dim. 150x60x17 cm

3 Wobble Boards **1 No.**
 Standard
 Local

4 Exercise Therapy Mat **2 Nos.**
 Airex 'Coronella' 185x60x1,5 cm, 2.2 kg, red mattress

5 Blaster and Wedges **1 No.**
 Standard
 Local

6 Transfer Boards **2 Nos.**
 Standard
 Local

7 Transfer Belt **2 Nos.**
 Standard
 Local

8 Tread Mill **1 No.**
 Permitted voltage deviation : 10%
 Drive : DC motor, 3.5 Hp
 Motor power : 2600 W
 Max. current consumption : 10 A
 Fuses : 2 x 10 A (T)
 Min./max. speed: 0,4 – 18 km/hr (in steps of 0.1 km/h)

Max. speed in Autospeed mode : adjustable up to 18 km/h
 Positive angle of inclination: 0% to +15% (in steps of 0.5%)
 Negative angle of inclination: 0% to -10% (in steps of 0.5%)
 Max permissible client weight on running surface : 235 kg
 Step-up height : 12,5 cm ("Standard" and "Plus" type)
 Effective walking surface : 150 x 50 cm
 Dimensions : 212x86 x 148 cm (LxWxH); height incl. console

9 Manual Therapy Belt **2 Nos.**
 Standard
 Local

10 Hydraulic Stool **20 Nos.**
 Adjustable heights with hydraulic control &
 lock mechanism
 Local

Equipemnt of Physical Agents Electro Labs.

1 Ultra Sound **1 No.**
 Ultrasound frequencies 1-3 MHz
 Ultrasound continuous and pulsed
 Duty cycles 5, 10, 20, 33, 50, 80%
 Pulse frequency 16 Hz, 48 Hz en 100 Hz
 Intensity 0-2 W/cm2 continuous ,
 0-3 W/cm2 pulsed(1)
 ERA US applicator large 5 cm2
 Pre-programmed treatment suggestions 25 - Evidence Based
 Programmable positions 1000+

Standard Accessories:

Contact-gel, bottle 250 ml, 1 piece	1x
Mains cable	1x
Device base (inclination support)	1x
Operating manual (CD rom)	1x
Installation guide	1x

2 Stimulator **1 No.**
 Power supply 100 – 240 V ± 10% / 50 / 60 Hz
 Dimensions (WxDxH)
 Device 24 x 32 x 12 cm
 Strap 250x3 cm 1x
 Strap 100x3 cm 1x
 Rubber electrodes 6x8 cm, 2 mm female, set of 2 2x
 Moist pads for rubber electrode 6x8 cm, set of 4 1x
 Patient cable, black, 2core with 2mm male plugs & coloured clips 2x
 Mains cable 1x
 Device base (inclination support) 1x
 Operating manual (CD rom) 1x

3 Shortwave Diathermy**1 No.**

Unit for continuous and pulsed shortwave therapy

The continuously adjustable intensity and the output of 400 Watt provide optimum application possibilities. Continuous shortwave therapy increases the circulation and stimulates the metabolism. The pulsed peak power can be set to a maximum of 1000 Watts. The related average power is, however, much lower.

Biological processes, which should not be heat-treated, can therefore be treated a-thermally.

Besides the well known effects of heat therapy with continuous radiation, the unit's pulsed mode will stimulate wound healing, oedema and haematoma absorption, pain reduction and stimulation of the peripheral circulation

Four large wheels make the Curapuls 970 easy to move within your practice. Two wheels can be locked to immobilise the unit.

- Continuous and pulsed
- Conveniently arranged display
- Wide range of electrodes
- Four large castors
- Adjustable electrode arms

Technical Specifications:

Generator frequency: 27.12 MHz, $\pm 0.6\%$

Output power: continuous HF max. 400 W,
pulsed HF max. 1000 W (peak)

Pulse duration: ca. 400 μ s

Pulse repetition frequency: 15-200 Hz adjustable in 10 steps

Mains supply: 230-240 V / 50 Hz

Mains voltage variation: approx. $\pm 10\%$

Current consumption: approx. 6 A (at 230 V)

(wxdxh, without arms): 56x43x92.5 cm

Length electrode arms: 93 cm

4 TENS**2 Nos.**

Number of channels: 2 (non-independent)

Constant current: up to a resistance of 1000 ohm

Stimulation current/channel: 0-99,5 mA

Waveform: symmetrical biphasic pulse, 100% compensated

Number of preset programs: 28

Number of custom programs: 5 (PP1-PP5)

Stimulation forms: Conventional, Burst, Modulated frequency/pulse duration, Mixed frequency, Alternated modulated pulse duration, Intermittent

Max pulse duration: 400 µs
Max frequency: 120 Hz
Timer 1 to 99 min./Off
Power source: 2x1.5 V AA non-rechargeable or
2x1.2 V AA rechargeable batteries

- 5 Interferential Unit** **1 No.**
2-Pole interferential, available over 2 channels
Tetrapolar interferential
Isoplanary interferential
Asymmetrical biphasic pulsed current (TENS)
Burst TENS
30 pre-programmed treatment suggestions,
adjustable and rewritable
Type mains adapter: ENB-1530
Mains voltage: 100-240 Volt ± 10% (50/60Hz)
Output: 15 VDC/3,4A
Dimensions (wxhxd): 22x20x20 cm
- 6 Infra Red Lamp** **2 Nos.**
Powder-coated aluminium / sheet steel housing
Housing colour: white
Handle bar colours: red, blue, green, yellow or black
Electronic timer (treatment time max. 60 min.)
3 therapeutic IR-lamps (Philips Infrared PAR 38, 150W)
Each bulb can be switched ON/OFF individually
Protection grid to avoid burns
Main switch with power indicator
Power supply : 220-240V, 50/60Hz
Number of lamps : 3
Heating capacity per light bulb : 150 W
Max. heating capacity : 450 W
Lamps individually switchable : Yes
Timer Max. : 60 min
Device fuses IEC 60127-2/4 DIN VDE 820 : 6,3x32 5 A
- 7 Ultra Violet Lamp** **2 Nos.**
Lamp with adjustable height stand easily adjustable lamp
angulations . Base made of M.S. and rod made of Stainless
steel with heavy base & Bulb
- 8 Laser** **1 No.**
Mains voltage: 230 Vac 50-60Hz ±15% 115 Vac 50-60Hz
Max. Power consumption: 15 VA
Double fuse protection: 250 mA Rit 5x20 mm
Plug for Interlock/safety key
(contacts normally closed)
'Backlit LCD Display, to visualize
and control operating parameters: 6 contact DIN pluggraphic 240x128 pixel

Programmable treatment time: up to 60 minutes
Diode Laser Wave length for 25, 100, 400mW pulse diode: 905 nm
Diode Laser Wave length for 500 mW continuous laser diode: 808 nm
Laser classification according to EN-60825-1: 3 B
MPE (Maximum permissible exposure): 5032.06 J . m ⁻²
AEL (Accessible emission limit): 77.1 mW (class 3B limit)
Divergence: 107 mrad
NOHD (Nominal ocular hazard area) direct light: 2.89 meters
NOHD diffused light: 0.00 meter
IR radiation sensor for external laserprobe: On front panel
Programmable impulse frequency: 10-10.000 Hz
Duty Cycle, only available with continuous laser diodes: 10-9900 Hz
Independent output channels: 2
Pre-programmed protocols: 82
Free programmable positions: 50
Plastic desktop container-external dimensions (lxhxd): 29x28x11,5 cm
Weight of machine body: 3 ,2 kg

Establishment of Cardiopulmonary Lab.

1	Tread Mill Permitted voltage deviation : 10% Drive : DC motor, 3.5 Hp Motor power : 2600 W Max. current consumption : 10 A Fuses : 2 x 10 A (T) Min./max. speed: 0,4 – 18 km/hr (in steps of 0.1 km/h) Max. speed in Autospeed mode : adjustable up to 18 km/h Positive angle of inclination: 0% to +15% (in steps of 0.5%) Negative angle of inclination: 0% to -10% (in steps of 0.5%) Max permissible client weight on running surface : 235 kg Step-up height : 12,5 cm (“Standard” and “Plus” type) Effective walking surface : 150 x 50 cm Dimensions : 212x86 x 148 cm (LxWxH); height incl. console	1 No.
6	Electronic weight Scale Standard Local	1 No.
7	Digital Puls Oximeter Standard Local	4 Nos.
8	Digital Blood Pressure Monitors Standard Local	2 Nos.
9	Home Gym	1 No.

Standard

Local

- 10 Spirometer** 05 Nos.
Spirometry and flow volum parameter. Maximum ventilation volume (MVV) insiratory capacity.
- 11 Stethoscope** 5 Nos.
Standard
Local
- 12 Precursor** 1 No.
Motor: 1/40 Horsepower
Outspeed: 20-50 cycles per second
Standard
Local
- 13 Hydraulic Couch** 2 Nos.
Size tabletop (lxw): 201x67 cm
Size tabletop (lxw): 198x67 cm
Height adjustment: 45-95 cm
Lifting time (min.-max.): approximately 25 sec.
Lifting capacity: 150 kg
Force hydraulic pump: 10.000 N
Force electrical motor: 6.000 N
Power supply: 100/120/230V AC 50/60 Hz
Current consumption: 1.0 A max.
Moisture resistance: according IP 44
Upholstery: 18 different colours available

Terms & Conditions:

PRICE : C&F Karachi by Air & Local

COUNTRY OF ORIGIN: USA, UK, Japan , Europe ,Netherlands

SHIPMENT : Country of origin & port of shipemnt must be same.

VALIDITY : 30 Days

SHIPMENT : 3 Months after receipt of your confirmed LC

WARRANTY : 1 year comprehensive warranty

INSTALLATION : Will be provided by factory trained engineer free of cost.