# MET
Meditool Equipment

DENTAL CHAIR

MET·DU-30 PRO

Technical Specifications

1. Breaking through the traditional sheet metal structure, we adopt a square tube combination design, which has high torsional stiffness and a more stable structure.

2. Fully injection-molded parts use ABS as the main material, which offers good antioxidant and anti-yellowing properties.

3. The 120° rotatable side box design provides operating space for treatment.

4. Adjustable color temperature LED sensor lights ensure an optimal light environment and health safety during treatment.

5. The memory seat adjustment function facilitates the dentist's treatment operations.
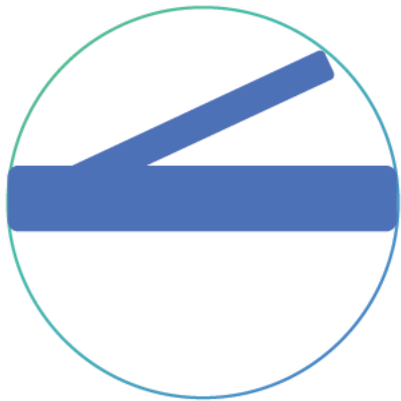
Working Conditions

Power supply: AC220V/AC110V 50/60HZ

Input power: 1200W

Working air pressure: 0.5-0.8Mpa,

Working water pressure: 0.2-0.3Mpa

Fuse specification: RFI-20.

Specification: Φ5×20.

Rated current: 6.0A

DC motor: DC24V/L3.8A

Safe usage radius range:

Configuration List

3-way syringe(cold/hot)	2sets	Dental light	1set
High speed handpiece tube	1set	Warm water system	1set
Low speedhandpiece tube	1set	Pure water supply system	1set
Low speedhandpiece tube	1set	Multifunction foot pedal	1set
Weaksuction tube	1set	DC 24V motor driven chair	1set
Dentist Stool	1set	Multifunctional assisant device	1set
Nine memory system	1set	/	/

Customizable Seating Options

PU / Real leather Color

001	002	003	004	005	006
007	008	009	010	011	012
013	014	015	016	017	

* Of course, we can provide any color you desire.

Optional Lighting Configurations

D01

D02

D03

D04

D05

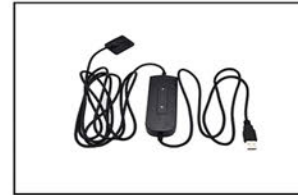* The above lighting fixtures can be customized and replaced according to your needs.

Optional Configuration

Oral Camera

X-Ray

X-Ray Sensor

Top-Mounted

L-A MDS-A

Suction Valve

Handpic Kit

Tissue Box

Ultrasonic Scaler

L-A HS-6
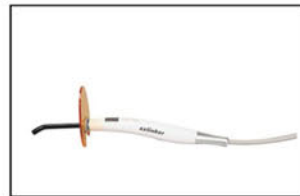
Light Cure

Electric Motor

Fibe Optic

Teeth Whitening

L-A HR3

Microscope

Dental Lamp

Suction Unit

Air compressor

L-A G

Wall

≥ 600

≥ 1100

280

≥ 1200

630

BUILT-IN FLOOR TANK DRAIN

≥ 1100

Wall

2000

≥ 1000
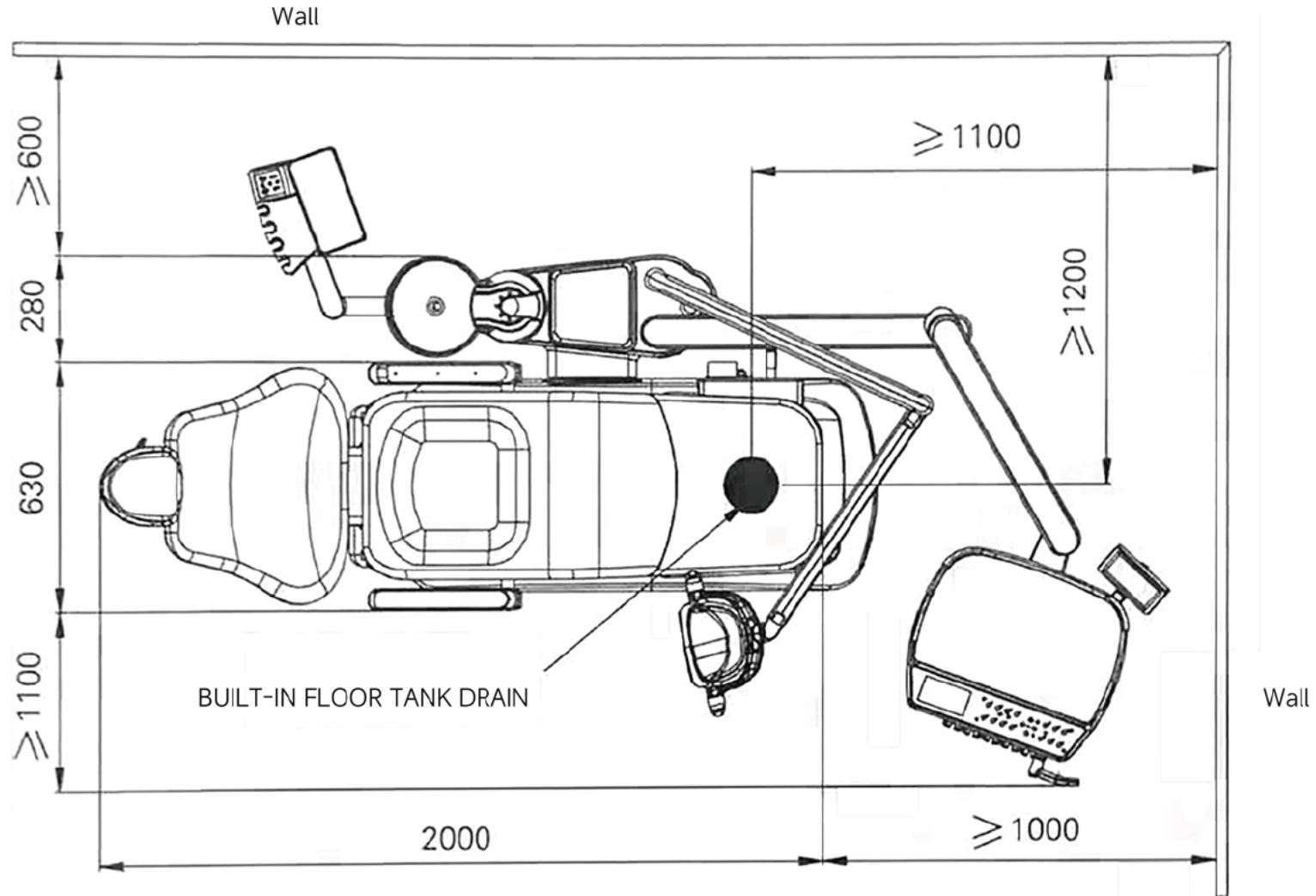
Installation Instructions

Air
Sewage
Water
Power

270~770
950~1500
245
600-1460
600-900
160

The water inlet pipe and gas pipe have 1/2 inch ports.

Plumbing

The outer diameter of spittoon drain pipe is Φ21.2.

The outer diameter of the strong and weak suction blowdown pipes is Φ18.5, The inside diameter is Φ15.

850~1050

850~1050
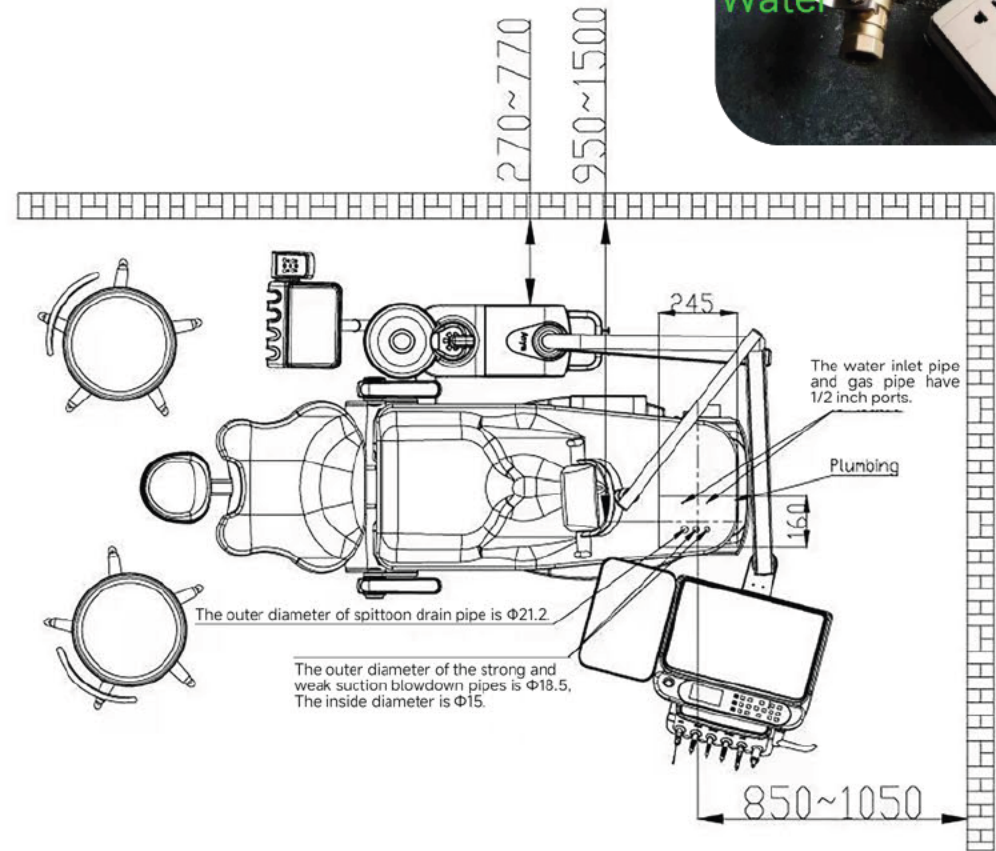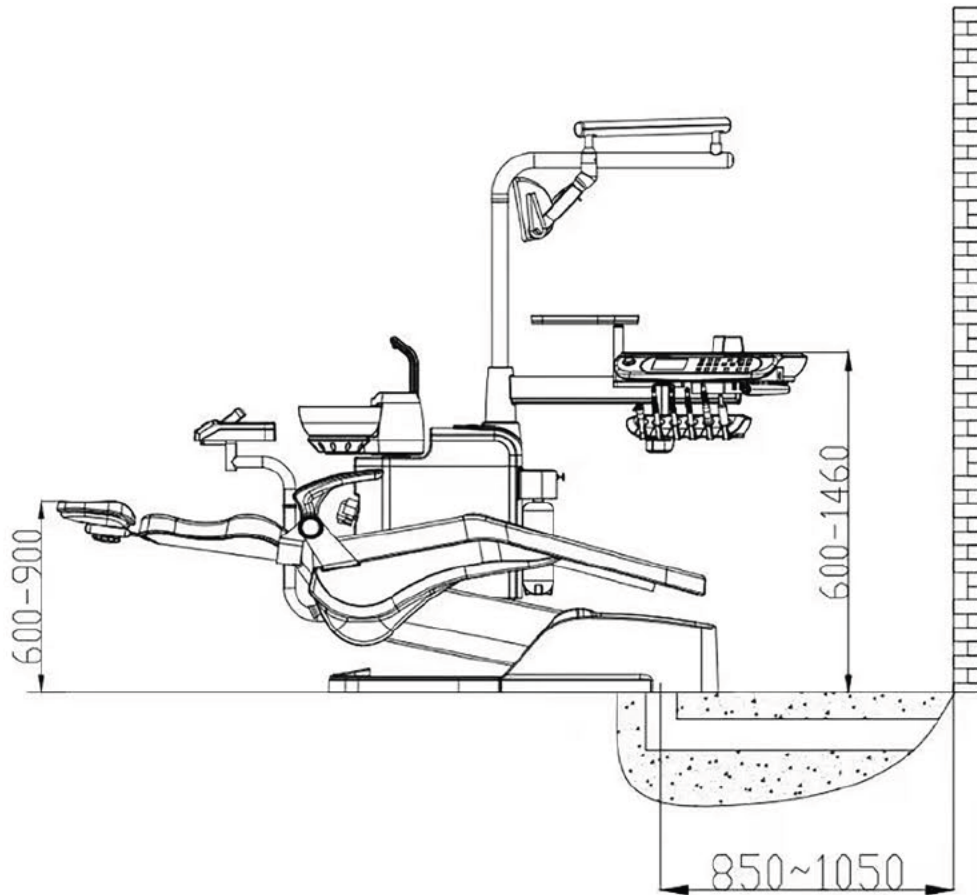
LED-FSF

LED-3-6 **LED-3-4** **LED-3-8**

INTRODUCTION

1 .The bracket is easily rotated and freely adiusted.
2.The handles are easy to disassemble.
3.Digital display the intensity and color temperatures.

4.Touch buttons to adiust the intensity and color temperatures.
5.Sensor switches to adiust the intensity.
6.All technical indicators are superior to international standards.

Item No.	LED-FSF
Input Voltage	AC 12V-36V
Rated Power	20W
Light Intensity	7000Lux-45000Lux
Color temperature	4000-5500K
Pattern Size	80*160
Ra	≥90%
Shadow Less Performance	＜Φ11mm
Intensity To Eyes	＜200Lux
Control Mode	Sensor / Touch
Interaction Range	20-80mm

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Item No.	LED-3-8	LED-3-6	LED-3-4
Input Voltage	AC 12V-24V		
Rated Power	24W	18W	12W
Light Intensity	7000Lux-580000Lux	7000Lux-42000Lux	7000Lux-32000Lux
Color temperature	3750-5500K	3750-5500K	5500K
Pattern Size	80*160		
Ra	≥90%		
Shadow Less Performance	＜Φ9mm		
Intensity To Eyes	＜200Lux		
Control Mode	Sensor / Touch		
Interaction Range	20-80mm		

LED-Z134

INTRODUCTION

1. Ring design concept, surrounding layout direct light sourceenhance the illumination brightness.
2. Side digital display, easyfor users to check.
3. Side grasp type handles, easy to move, install and sterilize.

4. Three-axis supporting arm, flexible rotation.
5. Sensor switches to adjust illumination and color temperatures
6. Sliding to adjust the intensity.
7. All technicalindicators are superior to international standards

Item No.	LED-Z134
Input Voltage	AC 12V-24V
Rated Power	55W
Light Intensity	7000Lux-120000Lux
Color temperature	4000-5700K
Pattern Size	80*160
Ra	≥92%
Shadow Less Performance	< Φ11mm
Intensity To Eyes	< 200Lux
Control Mode	Sensor / Touch
Interaction Range	20-80mm

LED-Z204

INTRODUCTION

1. Ring design concept, surrounding layout direct light sourceenhance the illumination brightness.
2. Side digital display, easyfor users to check.
3. Side grasp type handles, easy to move, install and sterilize.

4. Three-axis supporting arm, flexible rotation.
5. Sensor switches to adjust illumination and color temperatures
6. Sliding to adjust the intensity.
7. All technicalindicators are superior to international standards

Item No.	LED-Z204
Input Voltage	AC / DC 15-24V
Rated Power	30W
Light Intensity	30000Lux-90000Lux
Color temperature	4000-5500K
Pattern Size	60*50*28
Ra	≥92%
Shadow Less Performance	< Φ11mm
Intensity To Eyes	< 200Lux
Control Mode	Sensor / Touch
Interaction Range	120-900mm

LED-Z630

LED-F001

LED-F002

LED-F003

LED-F004

INTRODUCTION

1. Ring design concept, surrounding layout direct light sourceenhance the illumination brightness.
2. Side digital display, easyfor users to check.
3. Side grasp type handles, easy to move, install and sterilize.
4. Three-axis supporting arm, flexible rotation.
5. Sensor switches to adjust illumination and color temperatures
6. Sliding to adjust the intensity.
7. All technicalindicators are superior to international standards

Item No.	LED-Z630
Input Voltage	AC / DC 12-24V
Rated Power	25W
Light Intensity	8000Lux-80000Lux
Color temperature	3500-5500K
Pattern Size	80*160
Ra	≥92%
Shadow Less Performance	<Φ11mm
Intensity To Eyes	<200Lux
Control Mode	Sensor / Touch
Interaction Range	120-900mm

Item No.	LED-3-8	LED-3-6	LED-3-4	
Input Voltage	AC 12V-24V			
Rated Power	20W	36W	24W	30W
Light Intensity	7000Lux-680000Lux	7000Lux-45000Lux	7000Lux-45000Lux	7000Lux-58000Lux
Color temperature	3500-5700K	3500K、5000K	3500K、5500K	3500K-5700K
Pattern Size	80*160			
Ra	≥90%			
Shadow Less Performance	<Φ7mm			
Intensity To Eyes	<200Lux			
Control Mode	Sensor / Touch			
Interaction Range	20-80mm			

H1 Lamp Bracket Assembly

Connects to Ø50 middle column, connector: Ø40 / Connects to Ø45 middle column, connector: Ø35

Effective lamp extension length: 710 mm / Lamp balance vertical tilt angle: ±40° / Lamp head connector: Ø22 / Ø26

H2 Lamp Arm Component

Connects to Ø50 column, adapter Ø40; lamp rotating arm Ø50 / Connects to Ø45 column, adapter Ø35; lamp rotating arm Ø45

Effective height of lamp rotating arm: 705mm / Vertical movement angle of the lamp balance arm: ±35°

Lamp interface diameter: Ø22/Ø26

H2-1 Lamp Arm Component

Connects to Ø50 column, adapter Ø40; lamp rotating arm Ø50 / Connects to Ø45 column, adapter Ø35; lamp rotating arm Ø45

Effective height of lamp rotating arm: 705mm / Vertical movement angle of the lamp balance arm: ±35°

Lamp interface diameter: Ø22/Ø26

H3 Lamp Bracket Assembly

- Connects to Ø50 middle column, connector: Ø40; Lamp rotating tube: Ø50
- Connects to Ø45 middle column, connector: Ø35; Lamp rotating tube: Ø45
- Effective lamp extension length: 695 mm
- Lamp balance vertical tilt angle: ±35°
- Lamp head connector: Ø22 / Ø26

H3-1 Lamp Bracket Assembly

- Connects to Ø50 middle column, connector: Ø40; Lamp rotating tube: Ø50
- Connects to Ø45 middle column, connector: Ø35; Lamp rotating tube: Ø45
- Effective lamp extension length: 695 mm
- Lamp balance vertical tilt angle: ±35°
- Lamp head connector: Ø22 / Ø26

Shipping and Installation

Wooden-box Package
Maximize the protection of goods

Component List
For easy confirming

Tool Kit
Providing basic installation tools

Step by step Instruction
***Only simple installation required,
the main body is ready for use**