



青岛创梦仪器有限公司

Qingdao ChuangMeng Instrument Co., Ltd.



恒速搅拌机

Constant speed mixer

使用手册

Instruction Manual

版本 1.0

Version 1.0

©版权所有 青岛创梦仪器有限公司

©Copyright owned by Qingdao ChuangMeng Instrument Co., Ltd



请你仔细阅读《使用手册》，正确掌握本产品的安装和使用方法。阅读后请将本《使用手册》妥善保管，以备今后进行检修和维护时使用。

Carefully read this User Manual to learn how to install and use the product correctly. After reading, properly keep the User Manual as a reference for future maintenance and repair.

联系方式 Contact:

邮编 Zip code: 266100

网址 Website: www.qdcmyq.com

电话 Tel: 86-0532-66993768

传真 Fax: 86-0532-66993744

邮箱 E-mail: cmtech@sina.com

公司地址: 中国 青岛市市北区温州路 7 号

生产基地: 青岛市城阳区流亭街道兴海路 3 号

Address: No. 7 Wenzhou Road, City Northern District, Qingdao City, China

Production base: No. 3 Xinghai Road, Liuting Street, Chengyang District, Qingdao

Контакт:

Почтовый индекс: 266100

Телефон: 86-0532-66993768

Электронная почта: cmtech@sina.com

Адрес: Но. 7, УЛ. Вэньчжоу, Район Север города, Г. Циндао, Китай

Производственная база: Но. 3, УЛ. Синхай, Пр. Лютин, Район Чэнян, Г. Циндао, Кит



一、概述 Summary

创梦仪器生产的恒速搅拌机是用于油井水泥检验时，制备水泥浆的专用设备，该机是我公司新开发的产品，采用了最新技术，改变了传统的机械调整方式，全部采用单片机控制。与传统机型相比具有使用方便，操作简单，控制精度高，采用进口优质电机，噪音小、转速高，稳定性好。

The constant speed mixer produced by Chuangmeng Instrument is a specialized equipment used for preparing cement slurry during oil well cement inspection. This machine is a newly developed product by our company, which adopts the latest technology and changes the traditional mechanical adjustment method. It is all controlled by a microcontroller. Compared with traditional models, it has the advantages of easy use, simple operation, high control accuracy, imported high-quality motors, low noise, high speed, and good stability.

二、型号 Model

1616 型

三、技术参数 Parameter

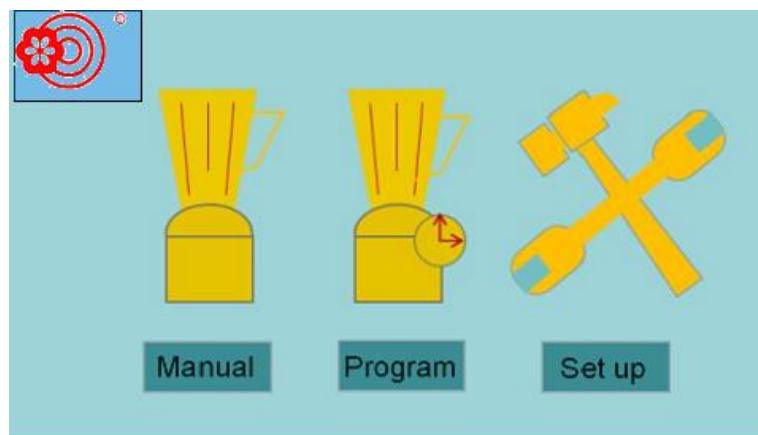
名称 Name	技术参数 Parameter
浆杯容量 Slurry cup capacity	2000ml
输入电压 Input voltage	AC220V \pm 10% 50/60Hz
定时时间 Timing tim	5~240 秒
额定功率 Rated power	500W

四、仪器的操作 Instrument operation

A、手动操作 Manual operation


1、接通电源，打开电源开关等待显示屏显示（图 1）

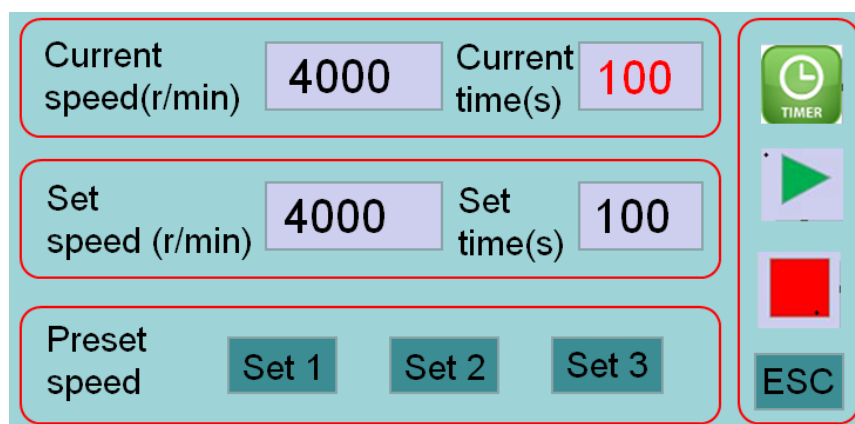
1、 Turn on the power supply, turn on the power switch and wait for the display screen to display (Figure 1)



（图 1）




2、点击手动图标  进入手动操作界面（图 2）


Click on the manual Icon  , enter the Manual Operating Interface (Fig2)




（图 2）

3、点击  图标可以打开或关闭定时器。当操作界面显示为  时，处于定时状态，当操作界面显示为  时，定时器关闭。当定时器关闭时，启动设备则一直运行不会自动停止。

Click the  icon to turn on or off the timer. When the operation interface displays , it is in a timed state. When the operation interface displays , the timer is turned off. When the timer is turned off, the starting device runs continuously without automatically stopping.


4、当操作界面处于  时，启动设备，定时器随之启动，当显示的当前时间为 0 时，设备停止运行。


When the operating interface is in , start the device and the timer starts accordingly. When the current displayed time is 0, the device stops running.


5、通过设置速度、设置时间窗口，对搅拌器转速与运行时间进行设置。速度设置范围为 1000-12000r/min；时间设置范围为 5-240s。速度设置也可以通过单击预置速度的 速度 1、速度 2、速度 3，进行快速设置。预置速度的设置参考“设置操作”。


By setting the speed and time window, adjust the speed and running time of the mixer. The speed setting range is 1000-12000r/min; The time setting range is 5-240s. The speed setting can also be quickly adjusted by clicking on the preset speeds of Speed 1, Speed 2, and Speed 3. The

setting of preset speed refers to the "Setting Operation".

6、设置完转速与运行时间，单击  启动按键，搅拌器开始工作。

After setting the speed and running time, click the  start button and the mixer will start working.

7、在搅拌器运行时，单击启动与暂停  按键，搅拌器启动与暂停。当搅拌器运行在开定时器状态下暂停，并再次启动，搅拌器根据上次暂停的时间继续运行。

When the mixer is running, click the start and pause  button to start and pause the mixer. When the mixer is paused in the timer on state and restarted, it will continue to run according to the last pause time.

6、当搅拌器运行在开定时器状态下，单击停止按键。搅拌器停止工作，当前时间恢复到设定时间。

When the mixer is running in the timer on state, click the stop button. The mixer stops working and the current time returns to the set time.

7、在搅拌器停止运行状态下，单击 ESC 按键，退出手动模式，进入初始界面（图 1）。

When the mixer is stopped, click the ESC button to exit manual mode and enter the initial interface (Figure 1).

B、程序操作程序操作

程序操作分为低速旋转与高速旋转，通过“设置操作”界面预置的低速转速与低速时间，高速转速与高速时间，对期望的低高速进行分段设置。

The program operation is divided into low-speed rotation and high-speed

rotation. The desired low and high speeds are set in segments through the preset low-speed speed and low-speed time, high-speed speed and high-speed time on the "Settings Operation" interface.

注：此程序为实验模式，当低转速运行时间到达以后，瞬间立即自动切换为高转速。

Note: This program is in experimental mode, and when the low-speed running time is reached, it will immediately switch to high-speed automatically.

1、接通电源，打开电源开关等待显示屏显示（图1）




1. Connect the power supply, turn on the power switch and wait for the display screen to show (Figure 1)



2、点击程序 进入程序操作界面（图3）



Click on the program to enter the program operation interface (Figure 3)

Current speed(r/min)	4000	Current time(s)	15	  
Low speed(r/min)	4000	Low time(s)	15	
High speed(r/min)	12000	High time(s)	100	

（图3）

3、速度与运行时间设置参考“设置操作”。

Refer to "Setting Operations" for speed and runtime settings.

4、单击启动按键，搅拌器开始工作。

4. Click the start button, and the mixer will start working.

5、在搅拌器运行时，单击启动与暂停按键，搅拌器启动与暂停。当搅拌器下暂停，并再次启动，搅拌器根据上次暂停的时间与转速继续运行。

When the mixer is running, click the start and pause buttons to start and pause the mixer. When the mixer is paused and restarted, it continues to operate based on the time and speed of the last pause.

6、在搅拌器运行时，单击停止按键。搅拌器停止工作，当前转速恢复到低速设定转速、时间恢复到低速设定时间。

Click the stop button while the mixer is running. The mixer stops working, the current speed returns to the low-speed set speed, and the time returns to the low-speed set time.

7、在搅拌器停止运行状态下，单击 ESC 按键，退出程序模式，进入初始界面图 3。


When the mixer is stopped, click the ESC button to exit program mode and enter the initial interface as shown in Figure 3.

C、设置操作

1、接通电源，打开电源开关等待显示屏显示（图 1）

Connect the power supply, turn on the power switch and wait for the display screen to show (Figure 1)

2、点击设置图标  进入设置操作界面（图 4）

Click on the settings icon  to enter the settings operation interface (Figure 4)

Manual	Program
<div>SET1</div> <div>Speed(r/min) 5000</div> <div>Time(s) 50</div>	<div>Low</div> <div>Speed(r/min) 4000</div> <div>Time(s) 15</div>
<div>SET2</div> <div>Speed(r/min) 8000</div> <div>Time(s) 50</div>	<div>High</div> <div>Speed(r/min) 12000</div> <div>Time(s) 100</div>
<div>SET3</div> <div>Speed(r/min) 10000</div> <div>Time(s) 50</div>	<div>ESC</div>

(图 4)

3、手动设置，单击速度与时间显示窗口对常用的速度与时间进行预先设置，速度范围 1000-12000r/min；时间范围 5-240s。

Manually set, click on the speed and time display window to pre-set commonly used speeds and times, with a speed range of 1000-12000r/min; Time range 5-240s.

4、程序设置，单击低速速度与时间显示窗口对低速速度进行设置，单击高速速度与时间显示窗口对高速速度进行设置，一般情况下，请不要将低速转速设置的高于高速转速。

Program settings: Click on the low-speed speed and time display window to set the low-speed speed, and click on the high-speed speed and time display window to set the high-speed speed. Generally, do not set the low-speed speed higher than the high-speed speed.

5、设置完成，单击 ESC 按键，退出设置操作，进入开机界面（图 1）。

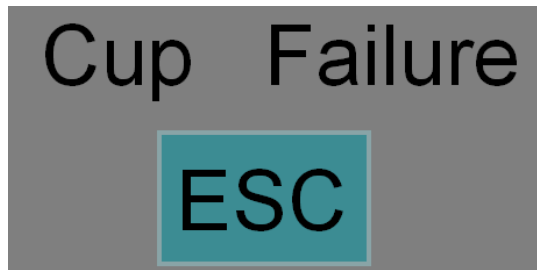
After setting up, click the ESC button to exit the setting operation and enter the power on interface (Figure 1).

五、故障分析与判断 Fault analysis and judgment

1、通电启动搅拌器之后，搅拌器显示屏幕不亮，请拔掉电源插头，打开品字口的保险丝座，查看保险丝是否烧坏，如有烧坏，请选择一个 5A 玻璃管保险丝进行更换。

After powering on the mixer, the display screen does not light up. Please unplug the power plug and open the fuse holder on the product label, Check if the fuse is burnt out. If it is burnt out, please choose a 5A glass tube fuse for replacement.

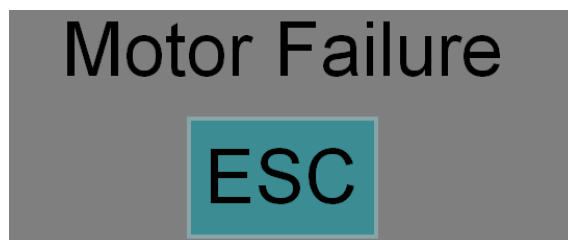
2、显示屏显示 Display screen shows



请检查是否放置浆杯，浆杯是否放置正确。确认排除故障之后单击 ESC 退出报警界面。

Please check if the slurry cup is placed correctly. After confirming the troubleshooting, click ESC to exit the alarm interface.

3、显示屏显示 Display screen shows

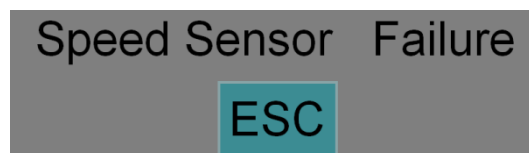


请检查搅拌器与控制面板的航空插头的连接线是否连接。排除故障之后单击 ESC 退出报警界面，当航空插头的连接线没有故障却出现报警信息，表明设备长时

间工作过热保护，请将设备断电 20 分钟。

Please check if the connection wire between the mixer and the aviation plug of the control panel is connected. After troubleshooting, click ESC to exit the alarm interface. If the connection wire of the aviation plug is not faulty but an alarm message appears, it indicates that the device has been working for a long time and is protected against overheating. Please power off the device for 20 minutes.

4、显示屏显示 Display screen shows



请检查搅拌器叶片是否不能正常旋转，浆杯是否盛有过于粘稠的液体，超过了搅拌器可搅拌的能力。

Please check if the blades of the mixer cannot rotate properly and if the mixing cup is filled with excessively viscous liquid that exceeds the mixing capacity of the mixer.

六、维护与保养 Maintenance and upkeep

1、当移动或保养仪器时。要轻拿、轻放，将电源线取下，以免造成部件变形影响精度和使用。

When moving or maintaining instruments. Handle with care and remove the power cord to avoid component deformation that may affect accuracy and usage.

2、每次搅拌完毕后，应及时将仪器擦拭干净，放置干燥环境内。

After each mixing, the instrument should be wiped clean in a timely manner



and placed in a dry environment.

3、搅拌机维修时，应请专业人员。详细阅读说明书。

When repairing the mixer, professional personnel should be hired. Read the instruction manual carefully.

4、仪器使用时要保证接地可靠。停止工作时，关闭电源开关，拔下电源插头，以保安全。

Ensure reliable grounding when using the instrument. When stopping work, turn off the power switch and unplug the power plug to ensure safety.



青岛创梦仪器有限公司 装箱单

Qingdao Chuangmeng Instrument Co., Ltd. Packing list

Циндао Чуанмэн Инструмент Со., Лтд. Упаковочный Лист

生产企业：青岛创梦仪器有限公司

Manufacturing enterprise: Qingdao Chuangmeng Instrument Co., Ltd.

生产地址：青岛市城阳区流亭街道兴海路 3 号

Production address: No. 3 Xinghai Road, Liuting Street, Chengyang District, Qingdao

主机型号：

Model of the main motor:

出厂编号：

Manufacturing No:

序号 No	编号	名称及规格 Name and specification	数量 Quantity	备注 Remarks
1		主机 Main engine	1	
2		杯座组件 Cup seat assembly	1	
3		浆杯组件 Pulp cup assembly	1	
4		搅拌叶片 Mixing blade	1	
5		专用扳手 Special wrench	1	
6		电源线 Power cord	1	
7		使用手册 Instruction Manual	1	
8		合格证 Certificate	1	



产品合格证

Product Quality Certificate

出厂编号:

Manufacturing No:

产品名称: Description:	
产品型号: Model:	
检验标准: Standard:	
生产日期: Date of Manufacture:	
产品编号: Product Code:	

结论: Conclusion:

经检验, 青岛创梦仪器有限公司生产的产品符合上述标准的要求。准予出厂。

After inspection, Qingdao Chuangmeng Instrument Co., Ltd The products produced meet the requirements of the above standards. Approved for delivery.

本企业通过: IS0014004 环境管理体系认证;
IS09001:2015 质量管理体系认证;
IS018000 职业健康安全管理体系认证质检科;

QC Department: