uArm Swift Pro 校准教程 V1.0.2

一、校准卡

uArm Swift Pro 包含一张校准卡,校准前请从 uArm 包装盒中取出校准卡。如您的校准卡遗失,请下载校准卡并用 A4 纸进行打印。您可以查看您机器底部的 SN,如果 SN 是:

UP12XXXXXX 或 UARM05XXXX 请点击这里下载;

UP13XXXXXX 请点击这里下载。

二、校准

1. 打开 Arduino IDE,选择正确的串口。

e Edit Sketc	Tools Help		
	Auto Format	Ctrl+T	10
	Archive Sketch		
Marlin Adafr	Fix Encoding & Reload	1	.CD.h (*)
1 /ww	Serial Monitor	Ctrl+Shift+M	
2 * Marlin 3D	Serial Plotter	Ctrl+Shift+L	
8 * Copyright 4 *	WiFi101 Firmware Updater		
5 * Based on S 5 * Copyright	Board: "Arduino/Genuino Mega or Mega 2560"	2	
	Processor: "ATmega2560 (Mega 2560)"		
8 * This progr	Port: *COM12 (Arduino/Genuino Mega or Mega	2560)"	
8 = it under t	Get Board Info		
) * the Free S 1 * (at your o	Programmer: "AVRISP mkII"	,	
2 *	Burn Bootloader		
* This progr	um is distributed in the hope that it will be useful,		
a but WITHOU	* but WIIHOUT ANY WARRANTY; without even the implied warranty of		
* MERCHAITTAB	* MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the		
5 * GHU Genera	L Public License for more details.		
7 *			
s * You should	have received a copy of the GBU General Fublic Licer	15.8	
4			

2. 点击下图所示图标, 打开串口。



3.按下图所示设置参数:换行,115200波特率。

💿 COM12 (Arduino/Genuino Mega or Mega 2560)	
	Send
echo:Maximum Acceleration (mm/s2):	*
echo: M201 X2000 Y2000 Z2000 E10000	
echo:Accelerations: P=printing, R=retract and T=travel	
echo: M204 P25.00 R25.00 I100.00	
echo:Advanced variables: S=Min feedrate (mm/s), T=Min travel feedrate (mm/s), B=minimum s	egment time (ms), X=maximum XY jer]
echo: M205 S0.00 IO.00 E20000 X1.00 Z1.00 E5.00	
echo:Home offset (mm)	
echo: M206 X0.00 Y0.00 Z0.00	
echo:PID settings:	
echo: M301 P22.20 I1.08 D114.00	_
echo:Filament settings: Disabled	E
echo: M200 D1.75	
echo: M200 D0	
@5 V1	
	-
· · · · · · · · · · · · · · · · · · ·	•
V Autoscroll	[Newline - 115200 baud -

4.将机械臂底座摆放在图示位置。



5.发送"M2019"解锁电机。



6.将机械臂末端摆放在图示位置(B点)。



7.发送"M2401 B"指令, 完成校准。

