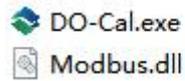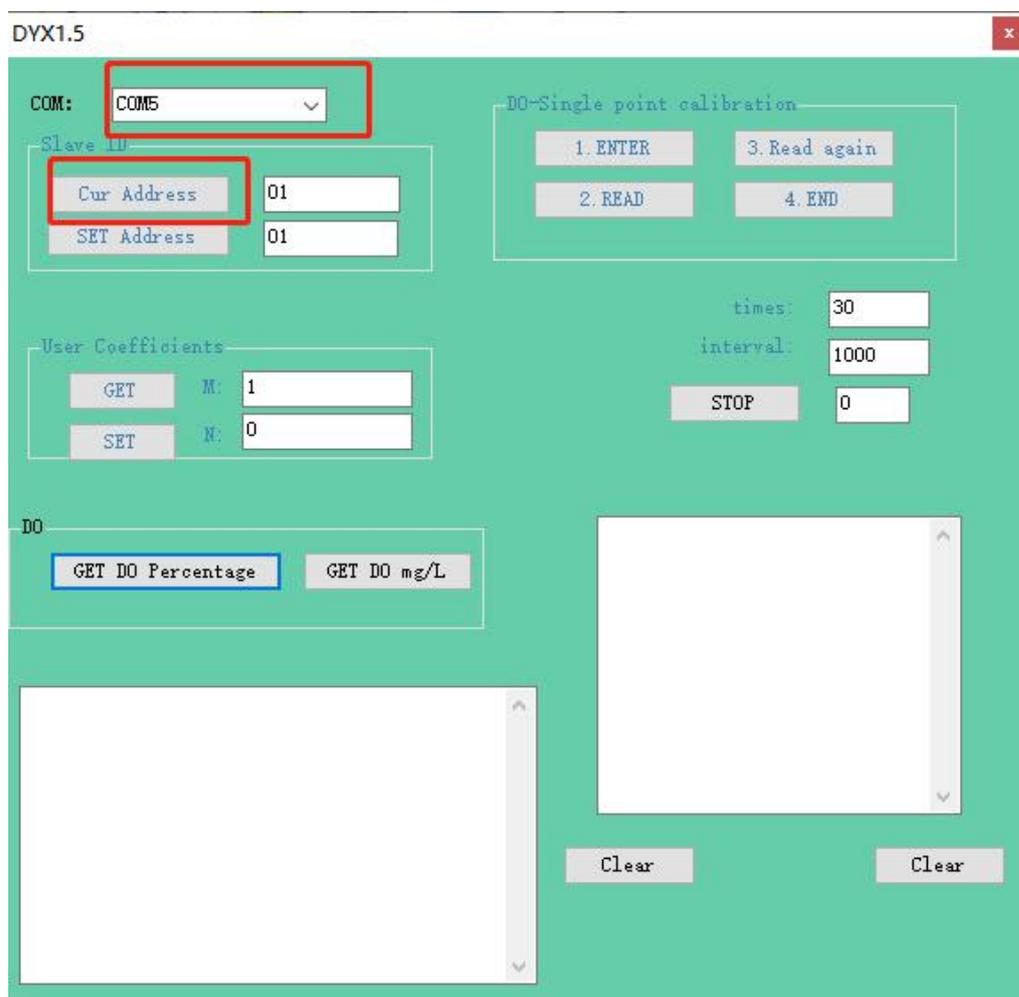## Dissolved Oxygen Calibration Process

Before calibration, connect the sensor to the PC, remove the protective cap from the sensor and open the DO-Cal software.

DO-Cal.exe
Modbus.dll

Step 1: Open the software and get the address

Step 2:

Before start calibration, let's test the sensor and see what data we get.

➤ Get DO Percentage

DYX1.5

COM: COM5

Slave ID
Cur Address 01
SET Address 01

DO-Single point calibration
1. ENTER   3. Read again
2. READ   4. END

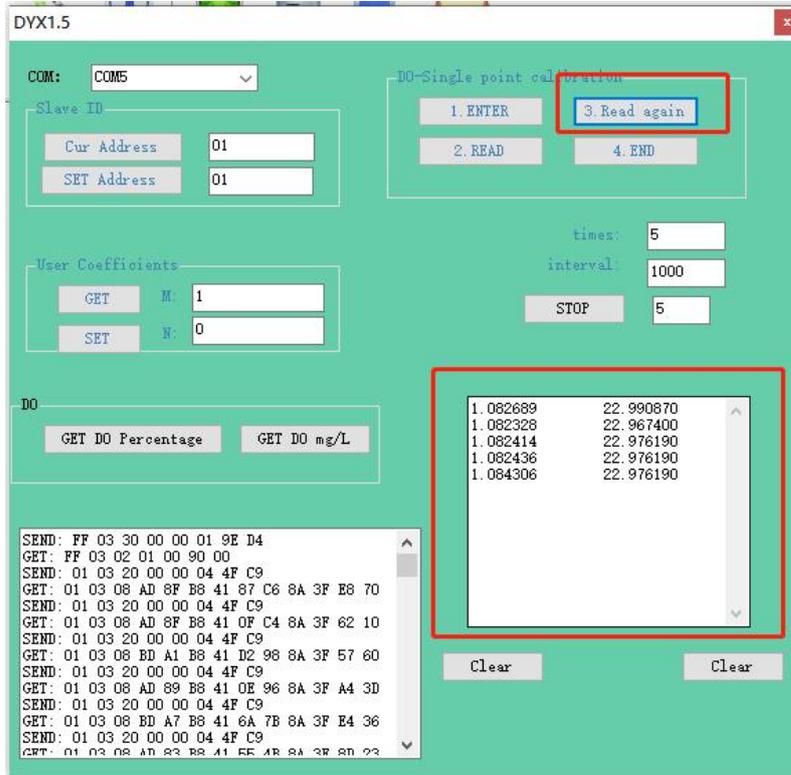times: 30
interval: 1000
STOP 0

User Coefficients
GET M: 1
SET N: 0

DO
GET DO Percentage   GET DO mg/L

SEND: FF 03 30 00 00 01 9E D4
GET: FF 03 02 01 00 90 00

Clear   Clear

DO
GET DO Percentage   GET DO mg/L

```
1.084184        23.070150
1.084108        23.070150
1.082789        23.078970
1.082704        23.067220
1.081891        23.081900
1.080424        23.064290
1.077520        23.064290
1.077133        23.070150
1.077336        23.067220
```

```
SEND: FF 03 30 00 00 01 9E D4
GET: FF 03 02 01 00 90 00
SEND: 01 03 20 00 00 04 4F C9
GET: 01 03 08 AD 8F B8 41 87 C6 8A 3F E8 70
SEND: 01 03 20 00 00 04 4F C9
GET: 01 03 08 AD 8F B8 41 0F C4 8A 3F 62 10
SEND: 01 03 20 00 00 04 4F C9
GET: 01 03 08 BD A1 B8 41 D2 98 8A 3F 57 60
SEND: 01 03 20 00 00 04 4F C9
GET: 01 03 08 AD 89 B8 41 0E 96 8A 3F A4 3D
SEND: 01 03 20 00 00 04 4F C9
GET: 01 03 08 BD A7 B8 41 6A 7B 8A 3F E4 36
SEND: 01 03 20 00 00 04 4F C9
GET: 01 03 08 AD 83 B8 41 55 4B 8A 3F 8D 23
```
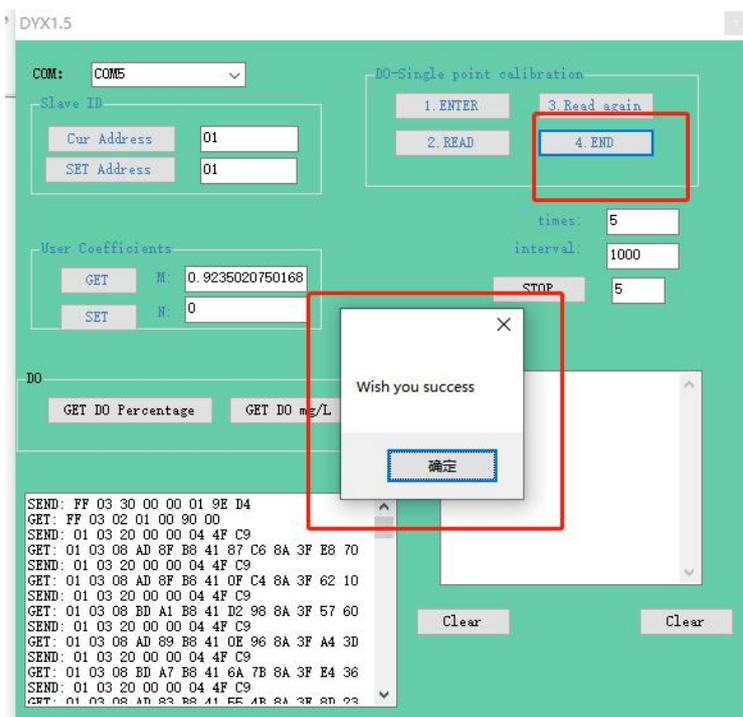
Clear   Clear

> ➢ Get DO mg/L

Step 3: Click the 1.ENTER

Step 4: Click the 1.READ

We will see the data here.

We will see this group of test data.

Step 5: Click the 3.READ again

Step 6: Click the 4.END

Calibration completed