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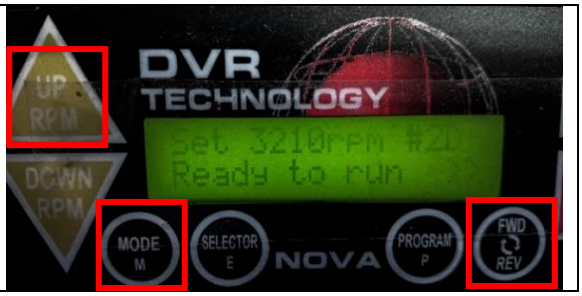
Frequently Asked Questions

Date Raised: 11 Nov 2020
Date Amended:

Safe practices should always be employed to ensure the Health and Safety of yourself, employees and customers (if applicable) Refer to product manuals, exploded drawings and our website if further assistance is required, or contact us on service@teknatool.com

How to Enter Service Mode on NOVA DVR 3000

1	Turn on your NOVA DVR 3000.

2	Set the lathe speed to **3210** RPM.	
3	Press and hold down the following keys in order: **1: <MODE M>** **2: <FWD/REV>** **3: <UP RPM>** Finally, release the keys.	
4	Using the **<UP RPM>** and **<DOWN RPM>** buttons, enter the password "**3210**". Press **<ON>** and leave the second line at 0.	

4	Finally press <**MODE M**> to confirm. You are now in Service mode!

To change motor parameters: press **<Program P>** to open the parameters page.

Menu operations:
Change Parameter value: <**UP RPM**> and <**DOWN RPM**>
Change Parameter selection: Hold **<FWD/REV>** and then press **<UP RPM>** or **<DOWN RPM>**
Next page: **<Program P>**
Exit: **<Mode M>**

Default parameter values are:

- **CurLimM =70%***
- **CurLimG =CG*%**
- **TrqRmp =2000ms***
- **SpdRmp =1000s-1**
- **AdvMax =85***
- **PulseMax =185**
- **Ir Gain =28835***
- **Ir Offset =82**
- **Kprop =500%***
- **Kint =3125%/s**
- **VdLowLim =300V**
- **Vd =(Various)**
- **UVTSdStp =345***
- **UVTSdRun=220V**
- **V Kprop =2000***
- **V Kint =9000**
- **VdROn =380***
- **VdROff =360***
- **T htsnk = (Various)**
- **T reduc = 60**
- **SpdAdvMax=1000***
- **RPM LowL=SB****