

# Orthodontic Torque Angulation Device

High precision instrument to 0.1° for Torque and Angulation measurements

Strong, repeatable and easy to use

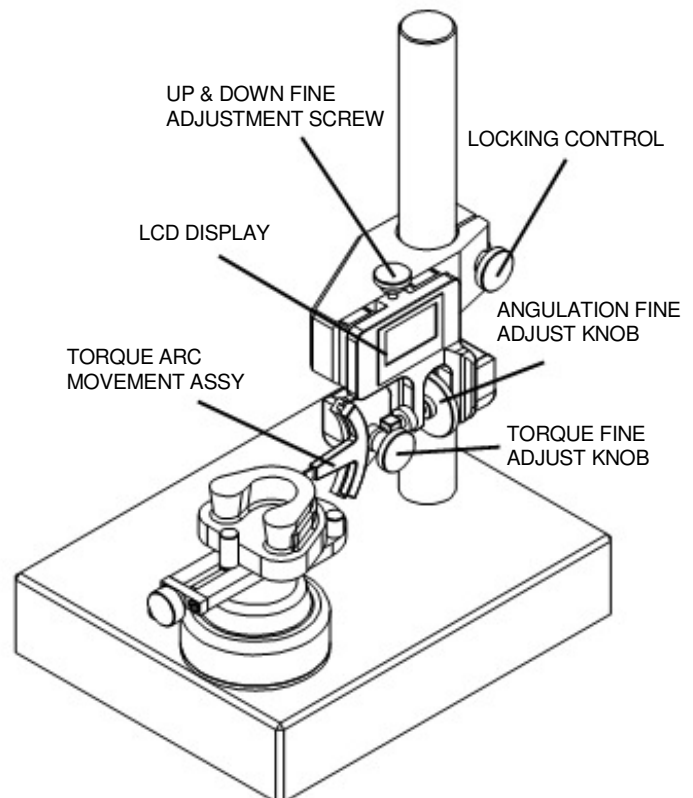
Competitively priced

The new Orthodontic Torque Angulation Device (TAD) represents a significant leap forward in orthodontic instruments. Greater accuracy in measurement leads to more precise bracket placement.



## TAD Key Features & Benefits:

- Torque and Angulation measurements providing 0.1° precision accuracy.
- Repeatable and reliable readings for each survey, allowing the formulation of individualized prescriptions.
- Quick learning time and easy to use.
- LCD display to clearly show measured data.
- Low maintenance with precise engineering and a strong design.
- Used in conjunction with the Bracket Positioning Device (BPD), this system offers precise bracket placement.
- Precision increments using the torque and angulation fine adjustment controls.
- Locking knobs for pre-set torque and angulation values to stop mechanism movement.
- Black granite base size 280x200x40mm, base flatness 2µm, column height 300mm.
- Universal power supply adapter to suit all countries.
- Professional service & technical support.
- 1-year warranty plus advance replacement service.
- Saving of torque and angulation data to PC via USB interface. (Advanced version).
- PC can record all the torque and angulation history for each job. (Advanced version).



## Applications for the TAD:

1. When the orthodontist wishes to survey a prepared study model, the surveyor base is set to horizontal and then the TAD is adjusted to give the best fit for angulation and torque. The orthodontist thereby receives precise digital measurement data for the mal-occluded teeth in the mouth so that he can make a suitable prescription for treatment.

2. The laboratory uses it in the opposite sense by pre-setting the angulation and torque then orientating the survey base to the best fit, thus giving a reference to transfer the work over to the Bracket Positioning Device.

## Sales & Technical Support:

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## Summary of Torque Angulation Device:

The invention of the TAD finally provides the orthodontist with the tools to accurately measure existing torque and angulation on models of mal-occluded teeth.

The TAD is an affordable, well-engineered device that is simple to use. It can either:

- Fit an existing system of Bracket Placement.
- Be used standalone to analyze malocclusion models, before deciding on an appropriate prescription.

The TAD allows orthodontists to customise prescriptions to their patients' individual needs, making the target market not only laboratories involved in Bracket Placement, but also orthodontists themselves.

The TAD is professionally engineered, highly accurate and easy to use. The digital displays provide the orthodontist with precise digital measurements of torque and angulation for individual prescriptions.