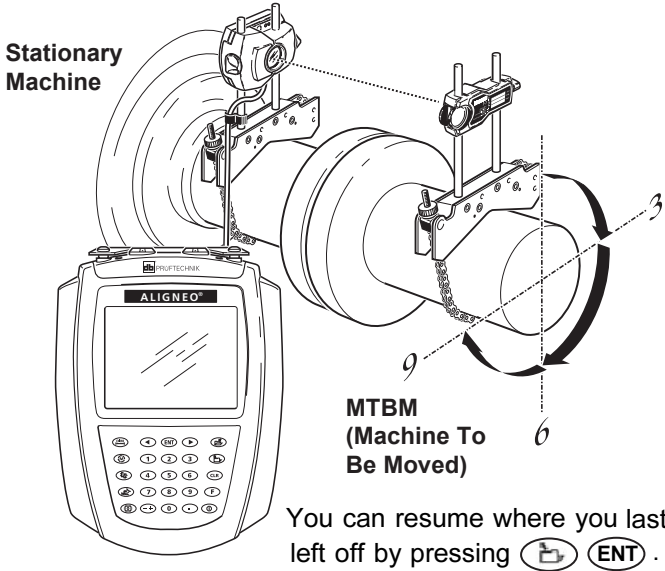


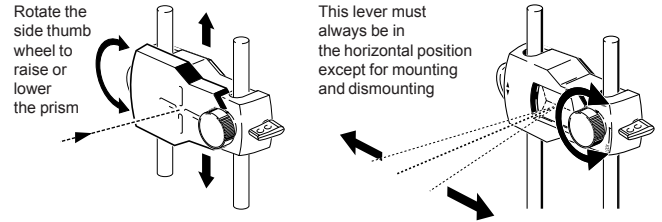
File No. \_\_\_\_\_ Machine No. Type \_\_\_\_\_ Operator \_\_\_\_\_ Date \_\_\_\_\_

**1. Mount ALIGNEO® and switch on** (1)



**3. Measure**

- Adjust prism so that laser beam strikes center of the prism cap cross hair.



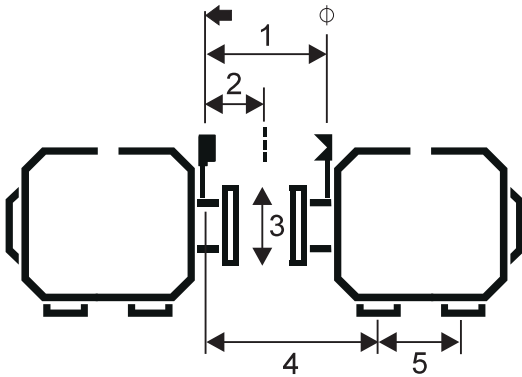
- Remove cap.
- Adjust prism until coordinates are close to 00.
- turn will appear on the screen.
- Rotate shafts at least 75°. **Go to Step 4a or 4b** →

If *End* or *off* appear during rotation, turn shafts back until numbers reappear. (*InfiniRange*® then starts automatically.)

- Adjust beam close to 00 and press ENT.
- Proceed with measurement.

Note: You may initiate *InfiniRange* manually at any time by pressing **F** **6**.

**2. Enter dimensions**

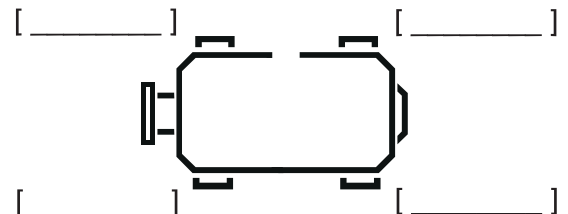


- 1. Laser to prism \_\_\_\_\_ **ENT**  
 (Arrow point to hash mark "φ" on prism)  
 (Center-to-center of support posts)
- 2. Laser to center of coupling \_\_\_\_\_ **ENT**  
 (Center of flex planes)
- 3. Working diameter 10" **ENT**  
 (Coupling diameter) (Default value)
- 4. Laser to front foot \_\_\_\_\_ **ENT**
- 5. Front foot to back foot \_\_\_\_\_ **ENT**

**Soft Foot**

- Position shafts at either 90° or 270° (±4°).
- Adjust beam close to 00 if necessary. Press ENT. (Not necessary if "----" appears.)
- Press 0 then loosen the bolt, press ENT to record value then tighten bolt.
- Press ◀ or ▶ to move to the next foot.

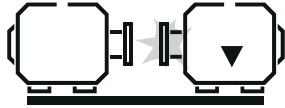
Follow this procedure for all remaining feet and correct soft foot if greater than 0.002".





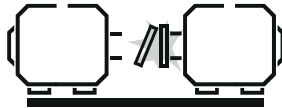
### 4a. Coupling Results

#### Vertical Offset



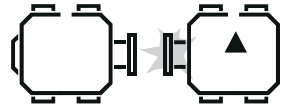
(+) ▲ (-) ▼

#### Vertical Gap



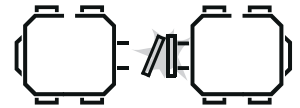
(+) (-)

#### Horizontal Offset



(+) ▲ (-) ▼

#### Horizontal Gap



(+) (-)

1. _____		_____		_____		_____
2. _____		_____		_____		_____
3. _____		_____		_____		_____
4. _____		_____		_____		_____

#### Targets



_____		_____		_____		_____
-------	--	-------	--	-------	--	-------



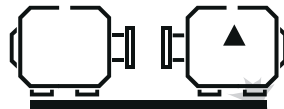
### 4b. Foot Corrections

#### Front Foot Shim



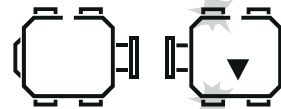
(+) ▲ add shims (-) ▼ remove shims

#### Back Foot Shim



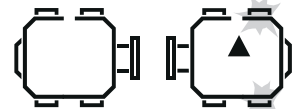
(+) ▲ add shims (-) ▼ remove shims

#### Front Foot Move



(+) ▲ toward 3 o'clock (-) ▼ toward 9 o'clock

#### Back Foot Move



(+) ▲ toward 3 o'clock (-) ▼ toward 9 o'clock

1. _____		_____		_____		_____
2. _____		_____		_____		_____
3. _____		_____		_____		_____
4. _____		_____		_____		_____

#### Thermal Growth



_____		_____		_____		_____
-------	--	-------	--	-------	--	-------



### 5. Move

- Choose position (45°,135°,225°,315°) by rotating shaft until desired angle appears (±4°).
- Select direction of Move (horizontal or vertical) using . Confirm with **ENT**.
- Adjust beam to if necessary.
- When **ENT** appears press **ENT**. • Loosen bolts.
- Move machine into alignment. • Retighten bolts.

### ToiChek®

RPM	Offset (mils)		Gap (mils/10")		Spacer Shaft (mils/inch)	
	Excellent	Acceptable	Excellent	Acceptable	Excellent	Acceptable
600	5.0	9.0	10.0	15.0	1.8	3.0
900	3.0	6.0	7.0	10.0	1.2	2.0
1200	2.5	4.0	5.0	8.0	0.9	1.5
1800	2.0	3.0	3.0	5.0	0.6	1.0
3600	1.0	1.5	2.0	3.0	0.3	0.5
7200	0.5	1.0	1.0	2.0	0.2	0.3

All Speeds: Maximum Soft Foot Reading 2 mils. Use OEM or in-house tolerances if available.

- always lit: Value within Excellent tolerances
- flashes: Value within Acceptable tolerances
- No 'smiley': Out of tolerance