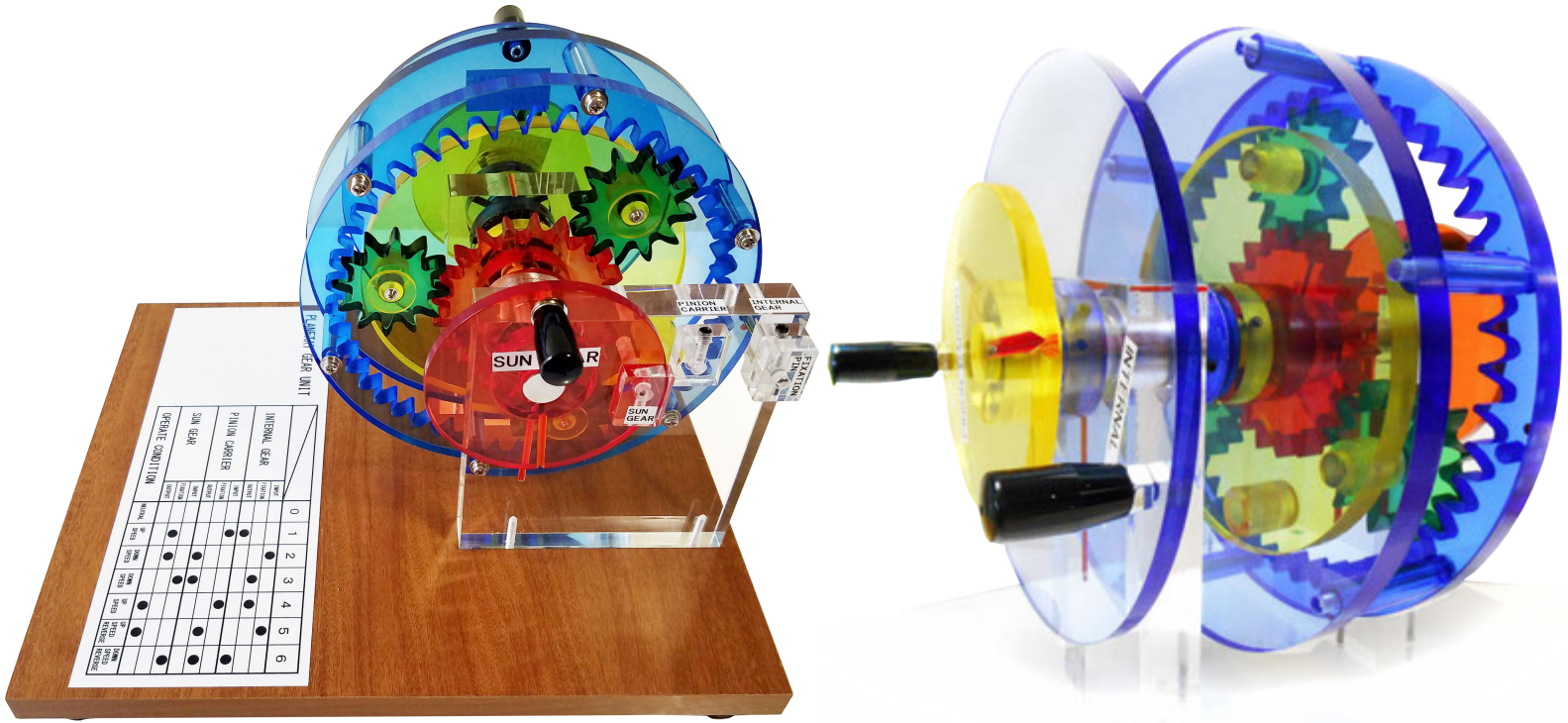


# PLANETARY GEAR MODEL

N98-OSK16923



PLANETARY GEAR UNIT

OPERATE CONDITION	INTERNAL GEAR						
	0	1	2	3	4	5	6
INPUT							
FIXATION							
OUTPUT							
INPUT							
FIXATION							
OUTPUT							
INPUT							
FIXATION							
OUTPUT							

**PLANETARY GEAR UNIT**

		0	1	2	3	4	5	6
<b>INTERNAL GEAR</b>	INPUT			●				●
	FIXATION				●	●		
	OUTPUT		●					●
<b>PINION CARRIER</b>	INPUT		●			●		
	FIXATION						●	●
	OUTPUT			●	●			
<b>SUN GEAR</b>	INPUT				●			●
	FIXATION		●	●				
	OUTPUT						●	●
<b>OPERATE CONDITION</b>		NEUTRAL	UP SPEED	DOWN SPEED	DOWN SPEED	UP SPEED	UP SPEED REVERSE	DOWN SPEED REVERSE

This model acts similarly to the Rabinion planetary gear of a modern vehicle. The complex principles of a planetary gear are unlocked with the use of color coded discs. Blue is used for the internal gear. Green is used for the pinion gear. Yellow is used for the sun gear. This model consists of 3 forward speeds and 1 reverse speed. The instructor or student manually operates this unit by locking by locking down a specific part of the gear using a fixed pin. Changes in rotation are visible when adjusting either the sun, pinion, or internal gear. A nomenclature panel is included on the front of the model for reference.



MOUNTED ON BASE

## WEIGHT AND DIMENSIONS

27cm x 30cm x 24 cm (L x W x H)  
Weight: 10 kg

Version2.2. ES070218



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