



\*The characteristic of yellow column is the strength of Acetech

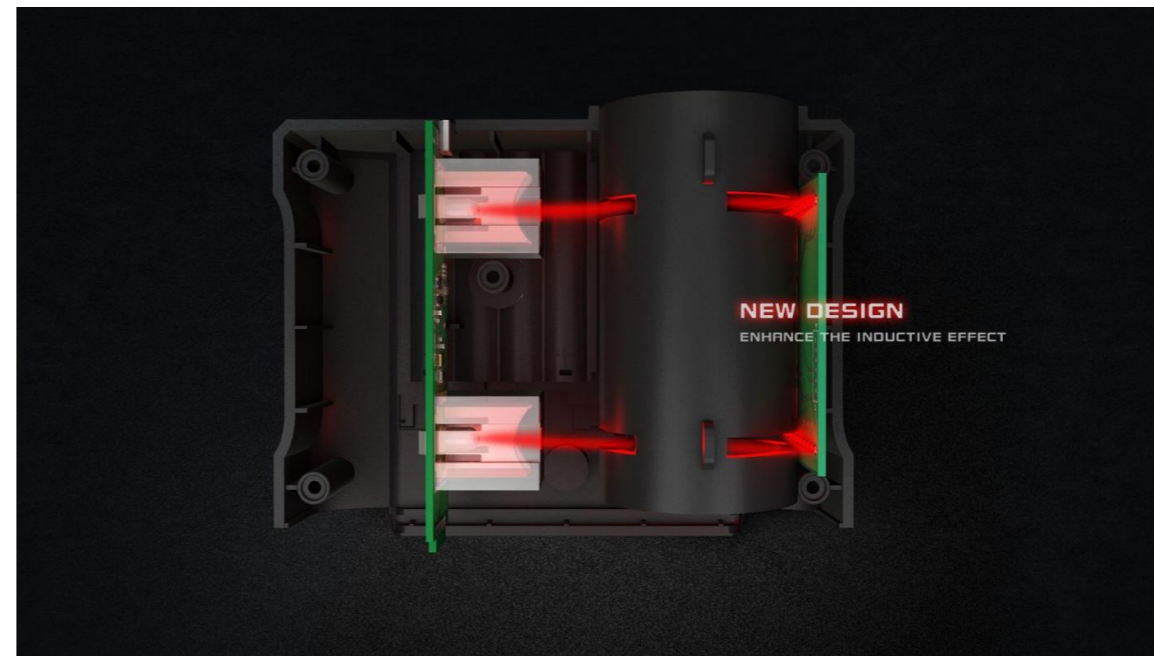
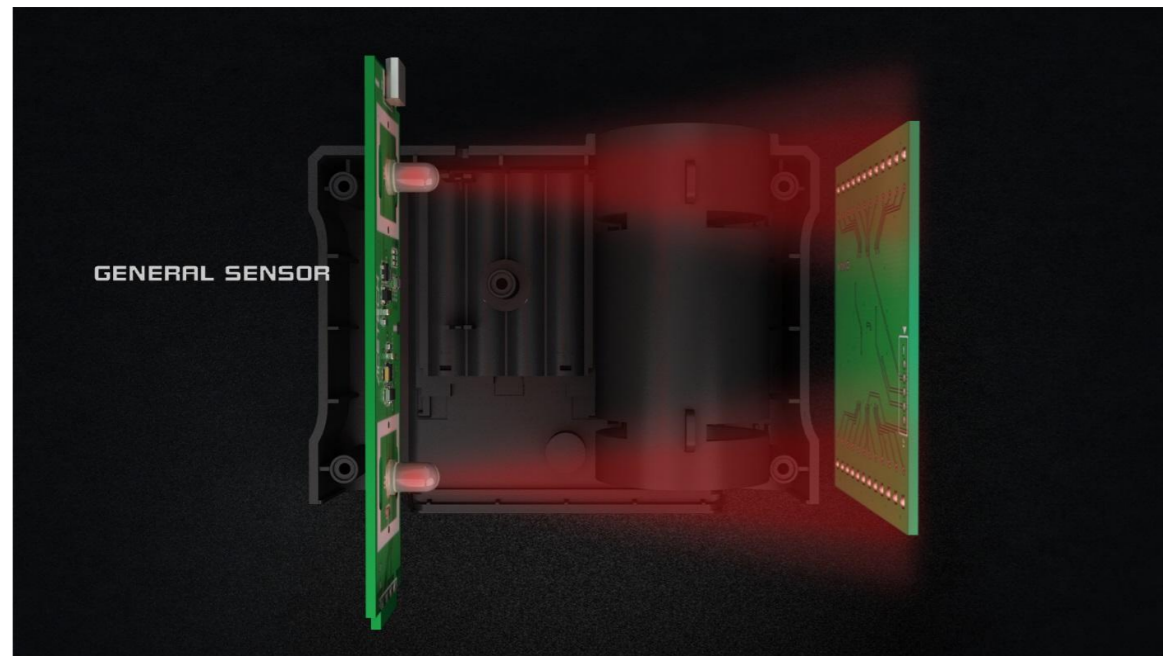
	Advanced Version		Economical Version	
				
Brand	Acetech	Xcortech	Acetech	Xcortech
Model name	AC6000	X3500	AC5000	X3200MK3
Test Velocity Range	30m/s ~400m/s			
ROF (rate of fire)	100 ~5000 RPM			
Outlook	Built by High quality/multiple materials	Built with plastic	Built with plastic	Built Only with plastic
Panel Cover	Rubber Keypad, powder coated plastic	Separate display unit and chrono unit		
Keypad	128*128 OLED grey scale	Mono Color 128*128 LCD	Mono Color 128*64 LCD	Mono Color 128*64 LCD
Tube dia	Rubber Texture	Plastic Keypad	Plastic Keypad	Plastic Keypad
Detecting Sensor	More user friendly navigation keys	Stereo Keys and Power Key	Stereo Keys and Power Key	Only Up Down Navigation Keys
LED Lens(1)	36mm	36mm	24mm	24mm
IR Sensor Calibration in Production(2)	12 pcs / gate	12 pcs / gate	7 pcs / gate	7 pcs / gate
IR Sensor Self Calibration(3)	YES	NO	NO	NO
Hot key for Ammo from Main Menu	YES	NO	YES	NO
Ammo Parameter Setup	5 sets	5 sets	5 sets	3 sets
25 Speed recordings	YES	YES	YES; display 5 rows of data in 1 page	YES; But display only 1 row of data in 1 page
Certification	FCC,CE,ROHS	NO	FCC,CE,ROHS	NO
MicroUSB powered	YES			
Battery	AAA Battery*4	AAA Battery*2 + AA Battery*2	AA Battery*2	AA Battery*2
Weight (without battery)	290(g)	272(g)	200(g)	205(g)
Diemnsion	130 x 108 x 61 (mm)	112 x 108 x 66 (mm)	117 x 97 x 59 (mm)	113 x 97 x 55 (mm)
MAP	80 usd Cheaper than X3500	110 usd	55 usd Avilible from 2017/6 Cheaper than X3200MK3	69 usd

### 1. Unique LED lens design:

LED lenses concentrate the IR (Infrared) emission to each IR sensor fully and evenly to increase the efficiency of detecting process.

It will also:

- 1) Let BBs easier to detect and muzzle velocity to measure.
- 2) Maintain the sensitivity of IR sensor.
- 3) Avoid the interference of smokes from surroundings or GBB.



### 2. IR sensor calibration after production:

IR (Infrared) sensors of each chronograph (AC5000/AC6000) will be calibrated before their leaving factory, which assures every chronograph is in high-quality and performing at the same level.

3. **IR (Infrared) self-calibration** is important to keep the sensitivity of sensor stay at the same level even when AC5000/AC6000 Chronograph has been used for more than 5 years. Without IR sensor self calibration, the performance of IR detection process (the stability of IR emitter and the sensitivity of IR sensor) may drop as time goes by. IR sensor self calibration is important to keep the accurate measurement at all the times.