



Portable folding stationary shock wave t-bar target

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— — RIZHAO FZH INTERNATIONAL TRADE CO., LTD.
MANUFACTURER OF SHOOTING TARGET SYSTEM

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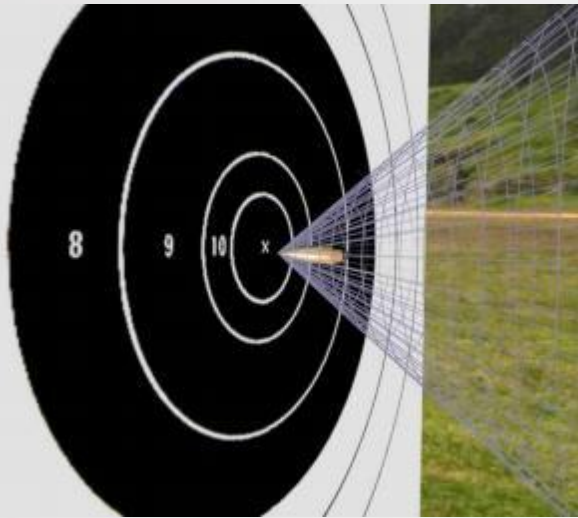
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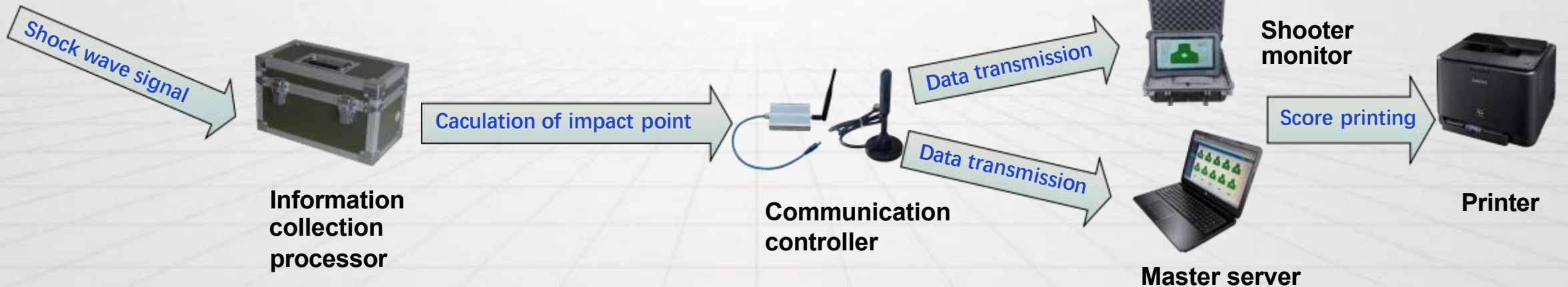
1. Working principle



The portable folding stationary shock wave T-bar target is mainly used for outdoor shooting training, supporting shooting with various weapons such as toy guns, air guns, rifles, military and police pistols, and heavy machine guns. During training, it is possible to simulate the external characteristics of hypothetical enemy targets and their sudden appearance and covert actions.

Support high-precision target reporting, unaffected by weapon caliber and projectile speed; It can meet training needs such as precision shooting and applied shooting.

Automatic scoring by Lomah



2. System Purpose



Portable folding stationary shock wave T-bar target simulates the shape characteristics and standing movements of imaginary enemy targets in the training, and supports the high precision shock target warning, which is mainly used in the training of high precision shooting.

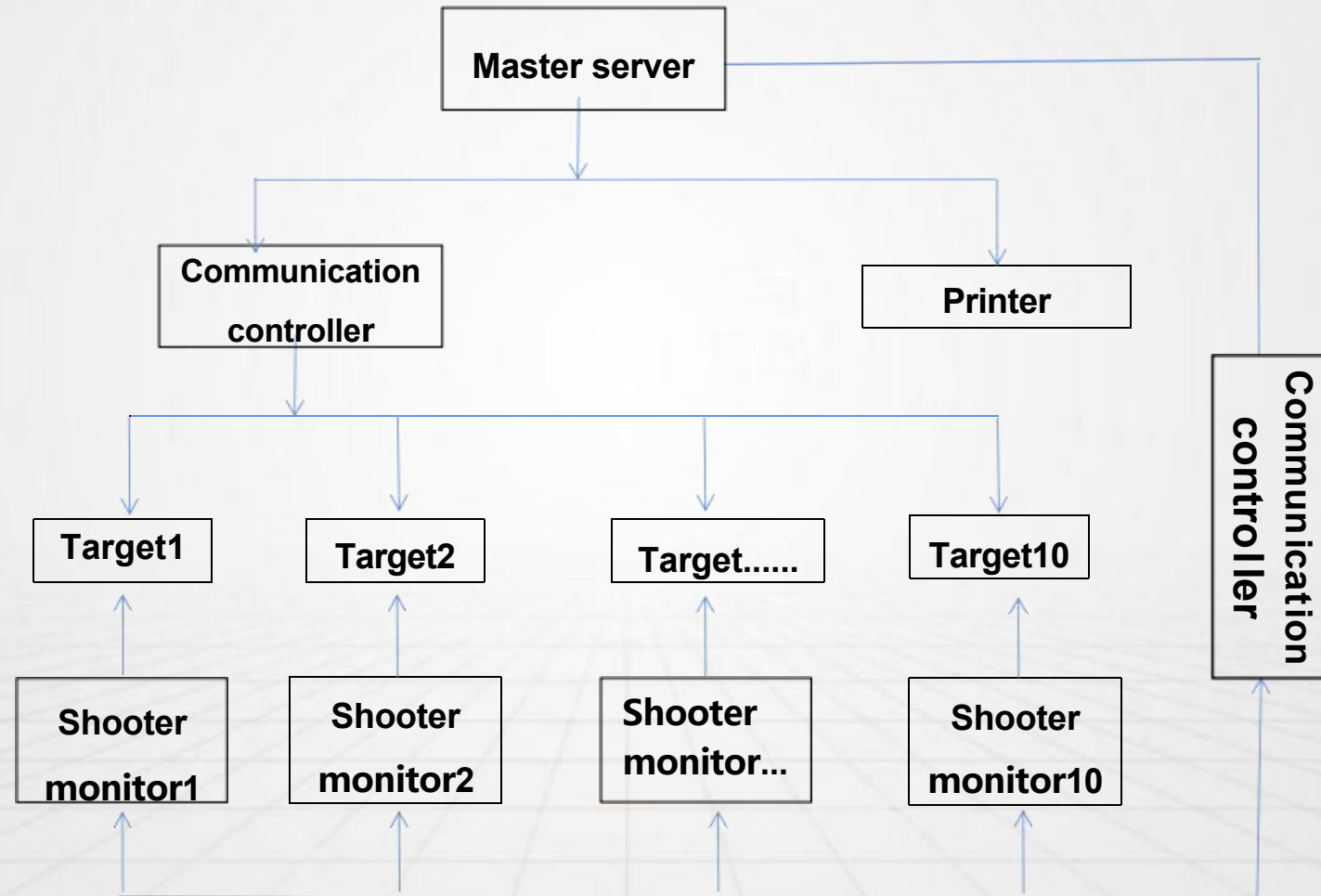
The portable folding stationary shock wave T-bar target can meet the requirements of light weapons for recording and evaluating shooting results against single or group targets.



- Portable folding stationary shock wave T-bar target



3. System composition



System composition



1. Portable stationary shock wave target

Portable stationary shock wave targets are designed to be portable, with a light weight target and short deployment time. The target calculates the location of the impact point based on the spatial geometric relationship between the impact point and the sensor array by analyzing the process of projectile incidence.

Meet training requirements for precision shooting, application shooting, and more.



2. Master server

The main control server is equipped with a highly configured notebook computer and server management software, which is convenient for controlling, viewing, statistics, and querying the firing performance of units or individuals.



3. Shooter monitor

It can instantly display information such as the shooter's score and impact point while shooting, and can help the shooter correct accuracy. Real-time recording of firing points, voice reading of hit scores, and automatic recording of aiming points and firing point data.



4. Communication system

A high-power communication system can provide 2.4G wireless services, providing a cleaner wireless environment, and more stable wireless access. Be able to accurately transmit signals from the target and the master control server to each other within a range of 1-500 meters.



4. System function



Training information management

You can enter, edit, and delete the information of participants, training courses, and training plans, as well as query and print shooting scores.

Battery pack replaceable

The target uses a DC battery pack for power supply, which can be independently separated and quickly replaced, and can be interchanged to facilitate on-site target deployment, charging regulation, battery replacement, etc.

Target function

Spatial positioning technology

By analyzing the incident process of a supersonic projectile, the target plane uses the time difference to map the model to the target location and calculate the location of the impact point based on the spatial geometric relationship between the impact point and the sensor array.

Shooter score display

The target aircraft centralized control server can display the target type, impact point, bullet sequence, number of single rounds, total number of rounds, projectile distribution evaluation, and shooter information in graphics and text. Shooter extension voice target reporting.

System function



System software control function

01

Communication status monitoring

To test whether the target communication is normal, it can be divided into various types of target computers for separate communication. The communication system will automatically detect all powered on target computers for testing. If the communication is abnormal, it indicates that the target computer has communication faults or is not powered on, and the communication status of the target computer can be detected.

02

Scheme grouping function

The system conducts grouping training according to the system structure of training scheme - grouping mode - single target. The system can execute control according to the grouping unit, and can meet all training scheme requirements of the army.

03

Parameter setting function

Under grouping conditions, target types can be selected for the target aircraft, including chest targets, head targets, body targets, half body targets, chest ring targets, etc. Target numbers can be selected in batch or out of sequence for grouping.





Shooter monitor

04

Score monitor function

The shooter monitor can display the hit data of the corresponding target machine in real time (target type, impact point, shot sequence, number of single shot rounds, total number of rounds, and projectile distribution), and report the target through images, text, and voice, facilitating the shooter to make real-time corrections to the shooting.

05

Performance statistics function

The shooter scoring opportunity automatically counts all the shooter's target achievement, and performs statistical display and storage.

06

Information management function

The centralized control equipment can input, edit, and delete the information of participants, training courses, and training plans, as well as query and print shooting scores.



5. Main technical indicators



Order Number	Item	Target
1	Applicable target type	Multiple military common target types, including ordinary precision chest ring target, chest target, body target, head target, etc
2	Applicable gun type	Multiple types of light weapons such as pistols, air guns, rifles, sniper rifles, light machine guns, etc
3	Applicable bullet diameter	5mm~130mm
4	Applicable projectile speed	100m/s~1500m/s
5	Applicable temperature	-30℃~+65℃
6	Battery pack	24v8aH
7	Target reporting accuracy	≥99.5%
8	Target reporting accuracy error	≧ 3mm
9	Continuous capture	1-50 shooting
10	Control the number of targets simultaneously	10 sets
11	Rain proof grade	100mm/h , 30min
12	Target reporting response time	≤0.5s
13	Wireless control distance	1~500m (Intervisibility)



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6. complete configuration



OrderNumber	PartName	Quantity	Unit	Remarks
1	Master server	1	pc	Including software
2	Communication control system	1	set	
3	Portable fixed shock target body	10	pc	
4	Shooter monitor	10	pc	Including software
5	Power supply battery pack	10	set	24v12AH
6	HF antenna	10	pc	2.4GHZ
7	Target board	10	pc	EVA material
8	Target rod	20	pc	1.2m
9	Target Charger	10	set	
10	Spare parts kit	1	set	
11	Instruction manual	1	pc	
12	Certificate card	1	pc	
13	Packing box	10	pc	Wooden box



System interface



Picture of complete machine



Product Picture



Operating System

Shooter monitor & Master server



Communication system



8. Application Cases





Application Cases



Application Cases

