

# X-10 Series X-Mark<sup>®</sup> Xeptors<sup>®</sup>



## Its Time To Stop Simply Comparing, And Actually Start Measuring Coins!

When you really want to eliminate counterfeit tokens, shaved tokens, and crossplay tokens, there is no better solution than to use an X-10 Xeptor with X-Mark tokens. The X-10 Xeptor is specifically designed to read the minted facets of X-Mark optically encoded tokens manufactured exclusively by our partner Osborne Coinage. It is a smart multi-coin acceptor that can be field programmed to distinguish and accept any of up to six different coins or tokens. Its precision diameter measurement totally eliminates the shaved coin acceptance problems, and it measures metal alloy on both the edge and center of the coin. Its built-in multi-color indicator LED provides operational status and field diagnostic information. Its opening coin chute will make coin jams a pain in the past. Its novel Personality Plug modules ensure plug compatibility in field retrofit applications. If you want total token security, no other system comes close to the X-10 Xeptor with X-Mark tokens.



### Model X-10 Xeptor Features

- Distinguishes and accepts any of up to six different coins or tokens.
- Reads multiple X-Mark codes and optionally detects the presence of SmartMark.
- Diameter range: 0.65" to 1.47" (16mm to 37mm), straight drop configuration.
- Eliminates coin shaving by measuring coin diameter to +/- .005" typ.
- Measures metal alloy 3 ways.
- Accepts up to 20 coins per second.
- Slide on access covers shed spilled liquids.
- Built-in coin release and opening coin chute.
- New coin types can be field programmed without extra equipment.
- Multi-color indicator LED for operational status and field diagnostics.
- Universal electrical interface compatibility with existing legacy machines and new machines via Personality Plug modules.
- Programming secured and tracked with optional X-Key and X-Tracker PC software.

# X-Mark<sup>®</sup> Technology Performs!

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## X-Mark Optical Codes

Minted X-Mark facets form a code in the surface of a token and are read by X-Mark Xeptors to verify that the token is not just some melted lead slug or punched piece of metal having diameter and alloy the same as your token. If you want to eliminate slugs and crossplay then you need X-Mark tokens and Xeptors.



## Bi-Metal Coin Signature

The X-10 has unique small geometry metal sensor coils that measure the signature of the coin on both the edge and the center of the coin. The large, oblong and deep-seated coils of other acceptors haven't a real chance of separating the signatures of edge and center alloys.



## Diameter Measurement

Precision optical diameter measurement with 0.005" resolution allows the X-10 to eliminate the shaved coin problem that plagues simple comparators and results in tricking hopper counters to overpay customers. The solution: Just Don't Accept Shaved Coins!



## Triple Track<sup>™</sup> Technology

Your best customer can insert 10 to 15 coins per second. With Triple Track Technology, the X-10 can measure, track, and properly credit as many as 3 coins simultaneously traveling down the coin chute, resulting in an unrivaled speed of over 20 coins per second. You can't beat that!



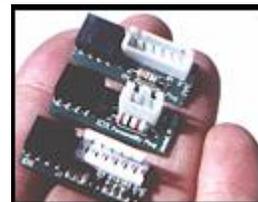
## Sophisticated Credit Optics Logic

All IDX Xeptors optionally can be ordered with built-in credit optics. The X-10's sophisticated sequencing and timing logic combine information from the credit sensors and other internal sensors to provide a complete defense against stringing, soda straw tricks, and taped coins, based on coin speed, direction and path.



## Personality Plugs<sup>™</sup>

Personality plugs adapt a single Xeptor model to any of many industry standard electrical interfaces. More than a dozen Personality Plug modules are available to ensure compatibility with machines requiring any of 24VAC, 24VDC, 12VDC, Tilt, Credit, Sense, and Inhibit signals... or custom..



## X-Key Security

IDX Xeptors can be manually programmed in the field for the coins they are to accept. When programmed with the X-Key attached, the Xeptor thereafter secures itself such that manual programming can no longer be done unless the X-Key is again attached. This is access control for internal casino security.



## Spill Proof Construction

Xeptors are the only coin acceptors designed to shed spilled liquid. No exposed card edges, no gaping holes for wires and pots. We just keep all of that sticky conductive liquid out.



## Full-Open Coin Release

Stop digging bent coins out of comparators with screwdrivers that just rip them up. Even those half-flap acceptors require the screwdriver treatment now and then. Only Xeptors are designed to fully open on your command.



## Auto-Tune<sup>™</sup> Technology

Mr. Xeptor never sleeps on the job. When no coins are coming through, he is busy re-calibrating the nine optical sensors and two inductive sensors. He also tracks long term coin data averages so acceptance windows for coins stay centered and perfectly tuned.

