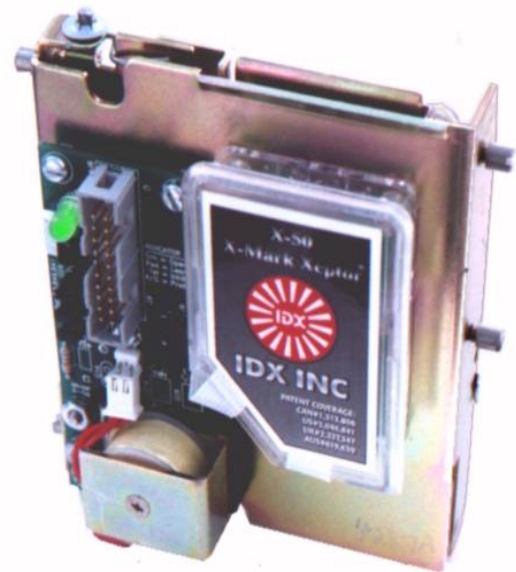


X-50 & X-70 Series X-Mark[®] Xeptors[®]



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 for your high denomination tokens than to use an X-50 or X-70 Xeptor with X-Mark tokens. The X-50 and X-70 Xeptors are 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.



Model X-50 & X-70 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: 1.330" to 1.950" (34mm to 49mm)
- X-50 is reverse drop configuration, X-70 is straight drop configuration.
- Eliminates coin shaving by measuring coin diameter to +/- .007" typ.
- Measures metal alloy 3 ways.
- Accepts up to 10 coins per second.
- 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 via Personality Plug modules.
- Programming secured and tracked with optional X-Key and X-Tracker PC software.
- Notes: An external controller module is part of the X-50 assembly. IDX recommends using the new single piece X-60 in new installations.

X-50 Technology Performs!

Its Time To Stop Simply Comparing And Actually Start Measuring Coins

X-Mark® Optical Codes

Minted X-Mark facets form a code in the surface of the 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-50's unique small geometry metal sensor coils measure both the edge and center metal signature of the coin. The large, oblong and deep-seated coils of other coin acceptors haven't a real chance of separating the signatures of edge and center alloys. Your valuable bi-metal tokens deserve X-50 security treatment.



Diameter Measurement

Precision optical diameter measurement with 0.007" resolution allows the X-50 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!



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 so that manual programming can no longer be done unless the X-Key is again attached. This provides access control security.



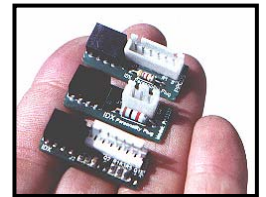
Sophisticated Credit Optics Logic

All IDX Xeptors optionally can be ordered with built-in credit optics. The X-50's sophisticated sequencing and timing logic combine information from the numerous internal sensors to provide a complete defense against stringing, soda straw tricks, and taped coins, based on coin speed, direction and path.



Personality Plugs™

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.



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™ 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.

