

## **INDUS Super Carrel-M, Advanced Motorized Microfilm Reader**



A motorized reader for 16mm and 35mm microfilm. Offers two forward and two reverse speeds using high quality precision crafted Swiss motors. Automatic opening glass platen. Rotary control switch. Film loading at desk level, zoom lens with magnification ranging from 18X through 42X, 24" x 24" (609mm x 609mm) screen for a large clear image, makes the Super Carrel M, a versatile reader for all libraries and research institutions.

### **Features, Benefits & Advantages**

#### **Specifications**

**Screen:** 24" x 24" (609mm x 609mm)

**Wiring:** 120 Volt, 50/60 Hz or 220/240 Volt, 50/60 Hz - Country Specific Plug

**Lamp:** Quartz Halogen Type DED 85 Watt 13.8 Volt

**Construction:** Wood Panels and Metal Center Section

**Color:** Oak Woodgrain Sides with Brown metal panels or White Sides with White metal panels

**Dimensions:** H 35½" x W 25½" x D 22½" (H902mm x W648mm x D572mm)

**Weight:** 117 Lbs. (53KG)

#### **Accessories**

- Writing Pad
- Choice of two Foot Switches:
  - Uni-directional
  - Bi-directional
- Automatic Blip Retrieval using Blip Chip® Controllers
- Adjustable Height Table with Modesty Panel

Specifications subject to change without notice

## Features

**Proven Precision Optics:** A standard 18x-42x magnification zoom lens

**Ease of Operation:** All controls are close to the seated operator. Film loading and unloading is easier. All switches are at the operator's fingertips.

**Accessible to Persons with Disabilities:** With all controls and film loading conveniently located near the operator, persons with disabilities will find the Super Carrel M easy to use. There is no need to stand to reach the controls or for film loading and unloading.

**Ease of Viewing:** The 24" x 24" (609mm x 609mm) screen is the industry's largest and is angled at a convenient 33° for effortless viewing. The illumination is automatically adjusted to provide optimum light throughout the magnification range. All film formats can be accommodated by the 360° rotation of the carrier.

## Other Features:

- Two Motor Drives W/timing Belt and Pulleys
- Proven Simple DC Motors - No tachs or Encoders, No Sensors
- Torque Maintained at Low Speed for Smooth Operation
- Dual Ball Bearings on Reel Shafts
- Rotary Speed Switch for four positions: Fast Forward, Fast Reverse, Slow Forward, Slow Reverse, with a variable speed range in the slow position for browsing
- Linear Low Speed Level Control From Very Slow Through Medium Browse
- Rotary Switch provides Hands Free Auto Rewind
- No Film Dumping if Power Goes Off at High Speeds
- Film Tension Maintained at Low Speeds For Maintaining Good Focus During Browsing
- Rapid Film Reversal
- Auto Opening Glass Flats for High Speed, Simple Design, Delayed Closing
- End of Film Detection with Automatic Shut-Off and Reel Braking (Latched)
- End Film Speed Limiting to Prevent Film Breakage
- Accessories Jack for optional Foot Switch and controllers with Convenient Jack Access
- Separate Power Switch for On/Off, Lamp
- 360° Rotation of Film Transport
- Ruggedized Design for Long Lasting Trouble-free Service