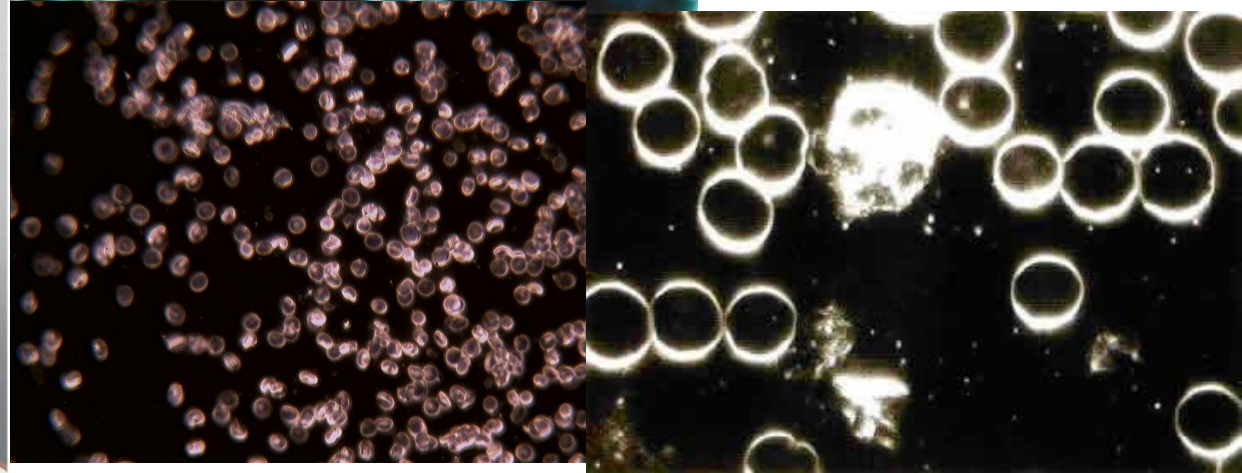
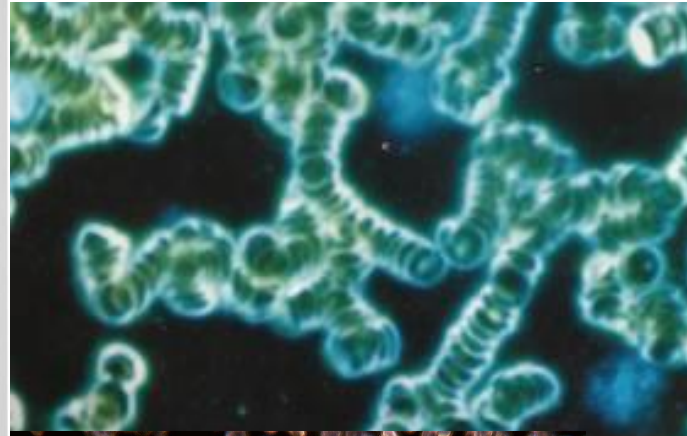




# Darkfield Microscope for Blood Analysis with Camera



Manufactured in India

Only for Demo Purpose

Prepared by Radical Instruments,  
New Delhi

# About Manufacturers

- We are Indias Leading **Manufacturer** of reliable quality and competitively priced Microscopes, Optical Instruments & Microtomes for Last four decades (**40 years**) having our customers in over 160 countries.
- We are the first Microscope Company to obtain ISO for quality standards way back in 1998.
- We have 4 Manufacturing Units with over 500 Staff members including qualified Optical Engineers.

# About Manufacturers

- Our components are made on Automatic machines and then each one manually checked and assembled in our workshops.
- We perform hundred of tests and optical alignments before sending your products.
- We have the largest range of microscopes both for Lifesciences & Industrial applications.

# About Manufacturers

- We can cater to any application, design & can support you for next 50 years.
- Our customers are associated with us for years. With us your investment is safe and you can place your trust like millions of our other esteemed customers.

# Item Description

## Features

- All Metal Construction
- Glass Optical System
- SEMI PLAN Objectives
- Darkfield OIL Condenser & 100x DF Objective for Live Blood
- Anti Fungus, Anti Reflection & Hard Coating on all Optical Components
- 40x, 80x, 100x, 200x, 400x, 800x, 1000x & 2000x Magnifications
- High Point Eyepieces for spectacles

# Features (Contd...)

- Variable Halogen Illumination
- Movable Condenser with abbe condenser 1.25NA and Filter Holder
- Adjustable interpupillary distance with diopter adjustment
- Coaxial Coarse & Fine Focussing Knobs
- 100% Light transfer to trinocular port for bright imaging
- 1280 x 960 Pixel USB Camera & capturing Software (WIN 7) & Optical Adapter

# Features (Contd...)

- Camera with High FPS for Live imaging
- FREE 50 Blank Slides & 100 Cover Slips
- CE, UL & ISO conformities
- Ideal for Teaching, Clinical Research, Doctors
- Best Price to performance Ratio



# Specifications

- Model : RXL-4TDF - USB130M
- Head: Trinocular Inclined at 45 Degrees & 360 Degree Rotatable
- Nosepiece: Quadruple revolving with positive centering & click stops
- Illumination: 6v 20W Illumination with 110/220V
- Objectives: SEMI PLAN DIN 4x, 10x, 40x Spring Loaded, 100x OIL SL
- DF Objective: 100x Oil with diaphragm

# Specifications

- Condensers: BF with NA 1.25 & DF Oil NA 1.25
- Eyepieces: HKW High Point 10x & WF 20x
- Mechanical Stage: Mechanical Stage  
135x120mm, 75x50mm movement
- Focussing: Coaxial Knobs
- Camera Sensor : 1.3 Mega Pixel
- Frames: 22 FPS
- Camera Reduction Lens: 0.5x

# Specifications

- Software: Live Imaging & Capturing with Vista & WIN 7 Compatibility
- Focus Stopper for Slide protection
- USB 2.0 Interface with 1Mtr cable

# Packing List

- Microscope Body with Trinocular Head
- Objectives DIN Semi Plan 4x, 10x, 40x & 100x Oil
- Eyepiece HKW 10x & 20x
- DF Condenser with 100x Oil objective
- 1.33MP Camera with Optical Adapter
- USB cable
- Software CD
- Blue Filter, Immersions Oil & Spare Bulb
- Darkfield Stop

# Packing List

- Power Cable (Optional US, UK & EU Plug)
- Cleaning Cloth
- Dust Cover
- 50 Slides & 100 Cover Slips
- Instruction manual

# Optional Accessories (Not Free)

- WF 15x eyepiece
- Spare Bulb
- Prepared Slides
- USB or TV Camera
- Heating Stage
- Phase Contrast Attachment
- Fluorescent attachment
- Blank Slides & Cover Slips
- Wooden carrying case