HPFS INSTRUMENTS INDIA LLP

Highly Precise & Focused Services....

HPFS Defines Itself As A Holistic One-Window And Supplier Solution Provider, A Strategic Partner Designed To Eliminate The Complexity Of Multi-Vendor Sourcing. By Consolidating Diverse Laboratory Needs Under One Roof, HPFS Ensures That Customers—Regardless Of Their Sector—Can Access A Complete Ecosystem of Testing And Measurement Solutions From A single, reliable source With Precision. Innovation. Reliability.

"We deliver the precision you need to ensure the highest quality of your coatings."

HPFS INSTRUMENTS *Highly Precise & Focused Services....*

YOUR TECHNICAL PARTNER FOR QUALITY INSPECTION

HPFS defines itself as more than just a supplier; it serves as a dedicated technical partner for your business. With a proven track record over a 5-year journey, HPFS has delivered precision-driven excellence to over 10,000 customers, establishing itself as a most reliable source for Product Quality Inspection Instruments.

Service-Driven Excellence

HPFS distinguishes itself through specialized service and calibration capabilities, ensuring your QC and RnD labs operate at peak performance.

Calibration Excellence: HPFS ensures your all type measuring parameters remain compliant with international standards (ISO/ASTM).

Precision Repair: The company offers specialized chip-level servicing for critical instruments like Spectrophotometers and Gloss Meters, etc.

Expert Training: To empower your team, HPFS provides on-line and on-site trainings for Color Recipe Software and Weathering Chamber operation.

Specialized Associate for QC & RnD Labs: Industry Expertise

HPFS acts as a specialized associate across a diverse industrial landscape. They provide high-precision tools and support for the following key sectors:

- **Surface Finishing & Coatings:** Specialists QC and RnD Testing Instruments in Paint, Powder Coating, Plating, and Ink.
- **Materials & Manufacturing:** Providing high-precision tools and Instruments for the Plastic, Polymer, Adhesive, Rubber, and Glass industries.
- **Packaging & Printing:** Delivering quality solutions for the Paper, Corrugated Packaging, and Flexible Film industries.
- **Infrastructure & Heavy Engineering:** A trusted QC and RnD Testing Instruments supplier for the Construction, Aerospace, Automotive, and Oil & Gas sectors.
- **Life Sciences & Consumer Goods:** Offering R&D Lab Testing Instruments for Pharma, Food & Beverage, and Textile laboratories.
- **Technology & Energy:** Facilitating advanced testing instruments for Electronics, Power, and Battery manufacturing.

Our Valued Customers:

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HPFS INSTRUMENTS *Highly Precise & Focused Services....*

Mastering Visual Quality

"Beyond visual assessment, achieve absolute precision in Color, Gloss, and Haze measurement." HPFS provides sophisticated Spectrophotometers and Color measurement solutions, specifically designed for sectors including paint and coatings, ink and printing, textiles, plastics, chemicals, food and pharmaceuticals, and rubber. Collaborating with esteemed brands such as **CHN SPECS and LINSHANG**, we deliver high-quality benchtop and portable instruments, alongside intuitive software solutions. Our technology consistently yields verified results and outstanding value, rivalling the performance of leading international brands—all while maintaining a cost-effective price point. Explore how HPFS can enhance your quality control protocols.

DS-36D series for Quality control management and colour matching in various industries such as Paint, Plastics, and Textiles.

Spectrophotometer DS-87CG Series Integrated Color and Gloss Measurement. Covering a full spectrum of 360-740nm it offers high precision and stability.

CS-826 Series Professional Benchtop Spectrophotometer
The instrument's measurement data has excellent consistency with other competitors in the U.S., Japan, and Europe.

DigiSpec® 1000 Series image spectrophotometer
Applications: Textile, Construction , Printing , Restoration of Cultural Relics, Jewelry

Colorimeter DS-806: Reliable tool for coffee color measurement. One-click measurement of SCAA, HCCI, and roasting degree

High precision Benchtop liquid Spectrophotometer DS-812N / DS-816N
Having more than 30 color indicators, including pt-co, Gardner, Saybolt, European pharmacopoeia standards

Econaomical Benchtop spectrophotometer CS-820P for colour matching in various industries such as Paint, Plastics, and Textiles.

ChromaAgera EZ Series with High-precision Desktop Spectrophotometer for industries like Food & Pharma Specially for Desigend for Hunter LAB Standards

50mm Large-Aperture Spectrophotometer DS-807 Specially designed for uneven samples such as powder & color master batches.

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Portable Color Spectrophotometers

DC-27CG is an integrated solution designed for precise color & gloss control across multiple industries.

Mc12 Series Multi-Angle Portable Spectrophotometer
accurately captures the color differences of such as automotive metallic paint.

Profesional Spectrophotmeter
DC-56 Series. Profesional-grade acuracy
Aplication Field: Textile,
Coatings & Plastic Industries

AI large model color matching software
The AI large model color matching software integrates precise data collection from spectrophotometers, cloud databases, and advanced AI algorithms, significantly reducing the traditional manual color matching time from several hours to minutes.

DS60/62/64 horizontal spectrophotometer
High repeatability accuracy, horizontal press measurement, physical positioning observation window

DC-23D/25D/26D portable spectrophotometer, ultra-high repeatability support NetProf network correction function, 6 measuring apertures are available to easily measure samples of different shapes.

Printing Densitometer EX Series
EX SE/PRO/MAX with excellent high-precision measurement capabilities. It can obtain color & the precise values of density.

The DS-700 series has excellent interstate difference & repeatability, accurate & reliable measurement data

DS 526/528/530 Densitometer
Suitable for the printing and packaging industry, solving CMYK & spot color quantization problems

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Handheld Economical Colorimeters

CS-420 Handheld
Spectral colorimeter

Colorimeter DS-201 with
1 mm ultra-small aperture, suitable for
Colorimeter detection of very small objects.

LS178 1 mm ultra-Small Aperture
Spectrophotometer

DS-200 Colorimeter
reliable color difference
detection instrument

LS175 45/0 Colorimeter with
20mm Aperture fo Textile & Wood

LS173 D/8 Touch
Screen Colorimeter

LS171 D/8
Pocket Colorimeter

LS372-Colorimeter.
Specially made for
Printing Applications

LS176 Spectrophotometer
Good repeatability, in line with
national standards for Grade 1 colorimeter

LS172 45/0 Colorimeter
with Touch Screen

LS155 - Liquid
Colorimeter

LS177 - 50mm Large Aperture
Spectrocolorimeter Measuring Fabrics

LS177C - Coffee Colorimeter
Measuring SCAA, roast degree, color
difference comparison of coffee beans

LS177 - 50mm Large-Aperture
Colorimeter designed for uneven
samples such as powder &
color master batches.

LS177 - 50mm Large Aperture
Spectrocolorimeter / Whitenessmeter
Measuring Powder(WI-R457)

CRX-60/62/66 Non-contact
spectrophotometer/on-line color sensor
No contact, no contamination,
no damage to the sample

WSB-0/1/2 Whiteness Meter
R457 / ISO 2470 Blue Light
Whiteness were measured

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Haze & Gloss Meters

CS-720 clarity and haze meter is suitable for one-stop measurement solution of clarity, color, haze, spectral transmittance and total transmittance of transparent and translucent materials such as plastic, film, glass, LCD panel and touch screen. Follow ASTM and ISO standards. It has a comprehensive color measurement function in the industry. The instrument's measurement data has excellent consistency with other competitors in the U.S., Japan, and Europe.

TH-200 Laser Transmittance Meter High-Efficiency Laser Transmittance Meter offers comprehensive scanning & supports simultaneous multi-point detection, ensuring thorough inspection of light transmittance in welded plastic parts.

TH-09/100/110 Haze Meter The instrument can be used & measured without preheating. complies with ISO & ASTM double standards and is equipped with double caliber (21mm / 7mm)

DH-10/12/13
Portable Haze Meter

Dg60 SE/PRO/MAX Gloss Meter.
60 degree angle for Small Parts.

LS155B Economical Haze Meter
Complies with ASTM
& ISO standards

Color Haze Meter THC-08

CS-300/380/300S
20 °, 60 ° and 85 ° Gloss meter
Comply with DIN 67530, ISO 2813,
ASTM D 523, JIS Z8741,
BS 3900 part D5 & JJG696

Indian Gloss Meter

LS196 High-Precision
Gloss Meter 60° universal
angle (0-1000GU range)
ISO 2813 compliant
measurement

LS190 60° universal
angle (0-200GU range)
1GU resolution
Budget-friendly
entry-level solution

LS192 Professional Gloss Meter
60° universal angle
(0-1000GU extended range)
±0.2GU repeatability
Meets ISO 2813 & ASTM D523

LS197 Tri-Angle Gloss Meter
(0-2000GU) ASTM/ISO
dual-certified results
Professional paint/plastic/
metal gloss analysis

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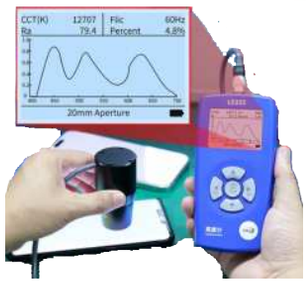
HPFS INSTRUMENTS *Highly Precise & Focused Services....*

Light & Transmission Meters

LS335 Spectral Illuminance Meter
Measures Lux, CCT, CRI & PPFD.
Compliant with national metrology standards



LS335 Spectral Illuminance Meter
Measures Lux, CCT, CRI & PPFD

LS330 Spectral Illuminance Meter
Lux, CCT, UVI & other parameters

LS117 Optical Density Meter
Suitable for testing
opalescent translucent materials

LS108H Spectrum Transmission Meter
Test UV 365nm, IR 940nm
Transmittance and 380-760nm VLT

LS108H Spectrum Transmission Meter
Test UV 365nm, IR 940nm
Transmittance and 380-760nm VLT

LS501 Transmittance Digital Probe
Online detection of transmittance/optical
density, data signal
transmission, easy integration

CT 23/25 Handheld Transmittance Meter
measure ultraviolet / visible / infrared light

Inline Refractometer CRN50 Series
It's well-suited for food, chemical &
pharmaceutical industries to
boost efficient quality control.

Coating & Platting Thickness Meters

"Whether for wood, glass, or steel, HPFS offers expert coating measurement solutions powered by our national and international partners like **ELECOAT, LINSHANG, Qnix, Fischer, Elcometer, Electrophysik, , INSIZE and YUYUTSU.** Our team selects the ideal thickness gauge for your specific task, guaranteeing a perfect fit for both your application and your budget."

LS226 - Coating
Thickness Gauge

Mp0® 1

LS239 Automotive
Paint Meter Expert Edition

LS237
Car Paint Meter

Qnix-9500

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Coating & Platting Thickness Meters

Elcometer 456 Coating Thickness Gauge - Separate

FERITSCOPE® DMP®30

Elcometer 355 Precision Coating Thickness Gauge

Elcometer 355 Precision Coating Thickness Gauge

LS225+F500 Plating Thickness Gauge

MiniTest 725-735-745

MiniTest 650

Coating Thickness Gauge 9501-1200

LS225+N1500 Plating Thickness Gauge tests with fixture

PHASCOPE® PMP10
PHASCOPE® PMP10 DUPLEX

QNIX - 1500

EC9

LS221 Split-Type Coating Thickness Gauge

5413

LS225 + N2000 - Coating Thickness Gauge to Measure PCB Board

Elecoat-C

Elecoat-M

Elcometer 500 Coating Thickness Gauge

LS216 Ultrasonic Coating Thickness Gauge for any Metal & Non-Metal Surface

P.I.G. 455

EC 910 (FOR 10MM THICK DFT)

YUYUTSU DFT - M2s - M12-Photoroom

LS238 Automotive Paint Meter

MikroTest

EC COLOR

5414-TF100

LS225+F500 Plating Thickness Gauge

5411

EC-7 - Economical DFT Gauge

Coatest

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Physical Testing & Applications for Paints, Powder Coatings & Inks

DIN Cup

Tri-Stand

Flow Cup

INDIAN B4 Cup

Zahn Cups

Iwata NK-2 Viscosity Cup

ASTM Ford Cup

Permeability Cup

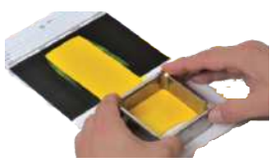
Density Cup - DIN 53217, ISO 2811-1, BS 3900

Four Side Film Applicator

Single Side Bird Type Applicator

Frame Type Applicator

U-Shaped Type Applicator

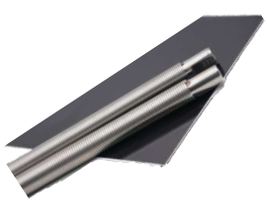


Big Box Type Applicator

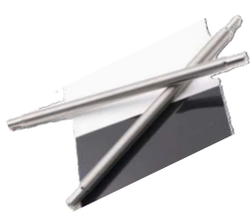
Digital Adjustable Applicator

Micro Meter Adjustable Applicators

Cube Type Applicator



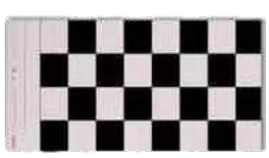
Formed Rods (Bar Coaters)



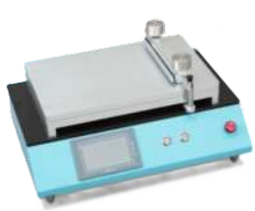
Wire-wound Rods (Bar Coaters)

Hiding Power Chart

Opacity Chart



Checkers Board



Automatic Film Applicator

Indian Auto. Film Applicator

Wet Film Thickness Gauge (Handle)

Wet Film Thickness Gauge(Comb Type)

Wet Film Thickness Gauge(Wheel type)

Sagging Tester

WEDGE PRINT PLATE

Fineness of Grind Gauge

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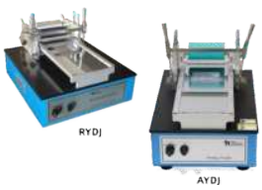
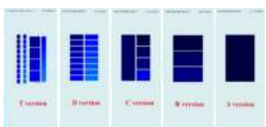
Physical Testing & Applications for Paints, Powder Coatings & Inks

Gel Time



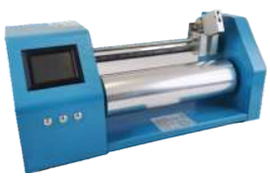
INK Printing Proofer



Ink Template

Three Roll Mill

TECHNIGRAPH AKTIPRINT UV DRYER

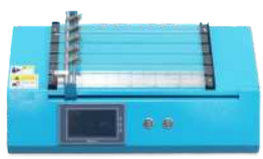


Drying Tester for Ink

Cross Hatch Cutter Kit

Cross Hatch Cutter

Multi-Cutting Blades



Dry Time Recorder

Indian Auto. Scratch Tester

Rotational Abrasion Tester

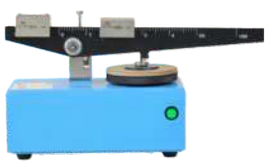
Digital Washability Tester

Rub Resistance Tester

Automatic Scratch Tester

Pigment Muller

Emulsification Tester ASTM 4942



Linear Scratch Tester

Pencil Hardness Tester

Ink Rub Tester - ASTM 5264

Automatic Pencil Hardness Tester

Pendulum Hardness Tester

Conical Mandrel Bend Tester

Cylindrical Mandrel Bend Tester

Multi Weight Pencil Hardness Tester

Hardness Test Pen

Coverall Bend & Impact Tester - ASTM D3281

ASTM / ISO Impact Tester

Tubular Impact Tester

DuPont Impact Tester

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Physical Testing & Applications for Paints, Powder Coatings & Inks

Buchholz Indentation Tester

T-Bend Tester

Cupping Tester

Pull off Adhesion Tester

Automatic Pull-off Adhesion Tester

R.C.A. Paper Abrasion Wear Tester

INDIAN Pull Off Adhesion Tester

COF Tester ASTM D1894, ISO8295, ISO15359

Pin Hole Detector

Holiday Detector - Su Bhaskar

Melt Flow Index Tester

Plastic Pendulam Impact

Linear Rubbing & Alcohol Abraser

Universal Testing Machine

Universal Testing Machine (Automatic)

Viscosity , Rheology & Texture Meters

" The Science of Smooth: Precision Viscosity, Rheology &Texture Testing for Flawless Application.."

B One Plus VISCOMETER

PORTABLE B-ONE VISCOMETER

First Plus VISCOMETER

LV SPRING VISCOMETER

RV SPRING VISCOMETER

PORTABLE RM 100 VISCOMETER

CONE-PLATE - RM 100 CP-2000 PLUS

RM 100 CP-1000 PLUS

First Prodig Viscometer

First Prodig CP-1000

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Viscosity , Rheology & Texture Meters

VISCOMETER HELIPRO SPRING

THERMOCELL PACKAGE

LMDV (Economical Series)

LMDV400R (RVDV) Econimical Viscometer

Viscometer with Small Sample Adapter

LMDV300H - Viscometer with Thermosel

Low Viscosity Adaptor - LVA30

VISCOMETER BASIC TYPE

Economical Krebs Viscometer - LMKV2

STV-R200 - Stormer Viscometer (Basic Type)

Falling Rod Viscometer

RHEOMETER CONE-PLATE RM-200 CP-4000 PLUS

INLINE VISCOMETER RM 100 i

INLINE VISCOMETER RM 100 L

RHEOMETER DSR 500

VISCOSITY Standard Oils

GEL TIMER - GT 300 PLUS

TEXTURE ANALYZER - TX-700

8 Probes Kit for TEXTURE ANALYZER

RHEOTEX SOFTWARE

Weathering, Corrosion & Environmental

"Predicting the unpredictable: Advanced testing for real-world resilience."

Touch Screen Control Salt Spray Test Machine

ASTM-B117 Salt Spray - W60

ASTM B117 Salt Spray with Hydraulic Door

CZ-1000D - Cyclic Corrosion Test Machine

SSC120(TH)-Temperature Humidity Salt Spray Corrosion Test Chamber

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Weathering, Corrosion & Environmental

ST-UV-A-B-UV Lamp Weathering Chamber

ST-UV-800-UV Lamp Weathering Chamber

CZ-UV-430L-UV-Light Climate Resistance Machine

SB-UV-A-Bench-top UV Light Accelerated Aging Chamber

SX-2200-H -Xenon Lamp Weathering chamber

SX-2800-H-Xenon Lamp Weathering chamber

SX-6500-H -Large Xenon Chamber

SX-1000-H -Small Xenon Arc Chamber

SX-1000-Bench-top Xenon chamber

Radiometer-Irradience Calibartion (CR-10)

SO-150-Ozone Aging Chamber

SS-50-65-2-Two Zone Thermal Shock Chamber

SR-IPX56-1000 Rain Chamber IPX 123456

SR-IPX34-1000 Rain Chamber IPX34

SR-340-70-25(H)-Rapid Temperature Change Chamber

ST-64-70-EP-Battery Chamber

S-HAST-250-A-HAST Accelerated Aging Chamber

Composite Salt Temperature & Humidity Test Machine

ST-22-40(H) – Bench-Top Type Temperature Test Chamber

ST-64-70(H) - Energy-saving Temperature Humidity Test Chamber

Metrology & Measurement Applications - Force Measurement & NDT

LS213 Ultrasonic Thickness Gauge

LS212 Ultrasonic Thickness Gauge

LS211 Ultrasonic Thickness Gauge

LS216 Multi Layer Ultrasonic Thickness Gauge

LS256 Ultrasonic Hardness Tester

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Metrology & Measurement Applications - Force Measurement & NDT

Ultrasonic Thickness Gauge (Basic Type)

LS251D Leeb Hardness Tester

Ultrasonic Thickness Gauge for Thin Substrates

LS252DC Leeb Hardness Tester

LS256 Ultrasonic Hardness Tester

Ultrasonic Thickness Hardness Tester

LS252D Leeb Hardness Tester

LS252C Leeb Hardness Tester

LS253 Multi-probe Leeb Hardness Tester

Portable Leeb Hardness Tester - HDT-LP200

LS252DL Leeb Hardness Tester

LS255 Webster Hardness Tester

Basic Roughness Tester - ISR-C003

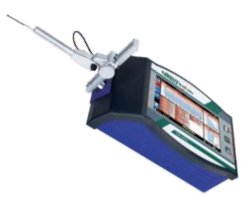
Dial Surface Profile Gauge

Digital Surfacee Profile Gauge

Roughness Tester - ISR-C002

Roughness Tester-ISR-C300-(Separable Type)

Roughness Tester - ISR-C400



Roughness & Profile Tester - ISR-S600

Roughness Tester - ISR-T120

SHOT & GRIT BLASTING SPECIMENS

Surface Roughness Specimen Set

Digital Rockwell Hardness Tester

Rockwell Hardness Tester

Digital Vickers Hardness Tester

Digital Moisture Meter

Inductive Moisture Meter (0to 100%)

Indian Moisture Meter - CMM

Profile Projector

Vision Measuring Systems

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UV Application - Dispersion & Analytical

LS136 UV Energy Meter

LS138 UV Energy Meter

LS126C UV Light Meter

LS331 Flaw Detection Light Meter

UPF-Textile Ultraviolet Transmittance Analyzer

LSM-2.2D Electric Lift Basket Mill

Laboratory Dissolver Series (Electric Elevator)

Shaker Coatings Fast Mixer - Stand Model

Shaker Coatings Fast Mixer - Floor Model

Automatic Clamping Shaker & Rotating Mixer

Micro Balance (6.1g - 0.001mg)

Touch Screen Analytical Balance (220g~0.1mg)

Table Top Balance TTB30M

Platform Balance

EMB11 Moisture Analyzer (110g~0.1mg)

Moisture Analyzer LMB16

Moisture Analyzer (LMB1, LMB1IR)

Density Balance

Ceramic Hotplate Magnetic Stirrer

Overhead Stirrer

Hand Held Homogenizer

Digital Water Bath

Digital GSM Meter - LPB1GSM

Automatic Digital Refractotometer

Dry Bath Incubator

Gas Chromatography - GS99CI

Benchtop - pH & Conductivity Meter

Karl Ficher Titrator KFT250VC

Benchtop Turbidity Meter

Manual ABBE Refractotometer

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HPFS TOOLS

We provide the precise measuring solutions your industry requires, encompassing everything from the intricate detail of precise parameter measurement to the robust stability of a Granite Working Table. We provide more than just tools; we instil confidence.

Our HPFS group is dedicated to fulfilling the needs and requirements of our clients through the specialized services of our two affiliated companies. **TECH NATION INDIA** focuses on delivering advanced water analysis and weighing equipment, while **SPECTRASONIC INDIA** specializes in a range of instruments including chemical spectrophotometers, polarimeters, and single-stage/multi-stage ultrasonic cleaners. We are committed to providing the precision necessary to guarantee the highest quality instruments, solutions and services.

Proud & Reputed Brand Partners:

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