



Technical Specifications of SHALYA® Touch Series

**Monopolar Cut :** SEVEN modes : 380 kHz  
Low Cut : Precise and clean cutting for thin tissue  
Pure Cut : Cutting without hemostasis  
Blend1 : Cutting with moderate hemostasis  
Blend2 : Cutting with extra hemostasis  
Hydro : Under fluid / water cutting  
Endo1 : Pulse cut with moderate pulse interval  
Endo2 : Pulse cut with large pulse interval

**Monopolar Coag :** SIX modes : 460 kHz  
Soft : Coagulation for soft & delicate tissue  
Dessicate : Coag with dipper hemostasis  
Swift : Soft coag with larger tissue coverage  
Force : Long distance / non-touch coagulation  
Spray : Long distance / non-touch coagulation with larger coverage  
Hydro : Under fluid / water coagulation

**Bipolar Cut :** FOUR bipolar cutting modes : 440 kHz  
Bip Cut : Precious & clean bipolar cutting  
Macro : High voltage Bipolar cutting for thicker tissue  
Saline Low Cut : Low intensity saline cut for delicate tissue  
Saline Standard Cut : Saline plasma bipolar cutting for resection / vaporization

**Bipolar Coag :** FIVE bipolar cutting modes : 440 kHz  
Micro : Low intensity Bipolar coag for delicate tissue  
Standard : Standard Bipolar coagulation for all types of tissue with moderate hemostasis  
Force : Bipolar coagulation for thicker & high impedance tissue  
Saline Soft Coag : Low intensity saline coag for delicate tissue  
Saline Force Coag : Saline plasma bipolar coagulation for resection / vaporization

**Vessel Sealing :** TWO vessel sealing modes : 440 kHz  
Micro Seal : Delicate & thin tissue vessel sealing  
Standard Seal : Standard vessel sealing / fusion

**Saline Resection Mode :** FOUR modes : 440 kHz  
Saline Low Cut : Low intensity saline cut for delicate tissue  
Saline Standard Cut : Saline plasma bipolar cutting for resection  
Saline Soft : Low intensity saline coag for delicate tissue  
Saline Force Coag : Saline plasma bipolar coagulation for resection

Features of SHALYA® Touch Series

- TFT Screen :** TFT panel operation for flexible use
- Internet Enabled :** Remote programmable / calibration
- Data Logging :** Last 50 surgical cases data stored in system memory
- Self Demonstration Mode :** System gives self demonstration and settings for users
- User Programmable :** 100 user settable programs with case names helps in setting the system
- Recall Function :** Automatic last status resume
- Auto Mono Mode :** Auto start & stop of Mono cut & coag modes without foot / hand activation
- Auto Bip Mode :** Auto start & stop of Bipolar modes without foot / hand activation
- Dual Mono Mode :** Independent power and mode setting for two Monopolar channel
- 2SiCoag :** Two Simultaneous coagulation output at a time with independent control
- Bipolar Cut & Coag :** Bipolar Cut & Coag Mode with independent settings and activation
- BiCoag Alarm :** Audio feedback after completion of Bipolar Coag, reduces charring and sticking
- Dual Vessel Sealing :** Two Channel Vessel Sealing up to 7mm with reusable Open & Lapro attachments
- Auto Stops :** The energy delivery with audio indication at completion of sealing
- Tissue ReHold Alarm :** Will be given if improper grasping of tissue
- Saline Resection :** Bipolar Saline Plasma Cut two modes & Coag two modes
- Saline Safety Alarm :** Electrode Disconnection / Non Saline activation Alarm
- Cost Effective Saline use :** Regular Working Element can be used with regular loops
- 2 Endo Mode :** Tissue feedback Pulse Interval controlled Pulse Cut for Polypectomy & Papillotomy
- Argon Beam Coagulator up-gradable :** ESU can be upgraded for Argon Beam Coagulation module
- 6SENSE Technology :** Maintain set power over wider range of tissue by Tissue Feedback Technology
- PREM :** Patient Return Electrode Monitoring - Safety against the Patient Return Electrode site burns
- Self Diagnosis :** Ensure the ESU with accessories are safe for functioning & display Error Codes if any

SHALYA Accessories Range



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SHALYA® Touch Series



complete electro surgical solutions



High Performance  
Electro Surgical Solutions  
Electro Surgical Unit  
Vessel Sealing System  
Saline Plasma Bipolar Resection



ISO 9001 ISO 13485



# SHALYA® Touch Series

## advanced technological innovations...

### SHALYA Sigma

- 4.7" TFT Panel for flexible use • Self Demonstration Mode • User Programmable • Recall Function • Bipolar Cut & Coag • BiCoag Alarm
- Endo Cut Mode • Argon Beam Coagulator up-gradable • 6SENSE Technology • PREM • Self Diagnosis
- **4 Cut Modes** : Low Cut : 300 W, CF-1.5, Pure Cut : 300 W, CF-1.5, Blend Cut : 200 W, CF-2.5, Endo Cut : 300 W, CF-1.5,
- **4 Coag Modes** : Desiccate : 120 W, CF-4.0, Swift : 120 W, CF-5.5, Fulgurate: 120 W, CF-6.5, Spray Coag : 120 W, CF-7.5
- **4 Bipolar Modes** : Micro Bip: 70 W, CF-1.5, Standard: 70 W, CF-1.5, Force : 70 W, CF-1.5, Bipolar Cut : 70 W, CF-1.5



### SHALYA Sigma+

With additional Features • Dual Mono Mode • 2SiCoag

- **4 Cut Modes** : Low Cut : 400 W, CF-1.5, Pure Cut : 400 W, CF-1.5, Blend Cut : 250 W, CF-2.5, Endo : 400 W, CF-1.5,
- **4 Coag Modes** : Desiccate : 150 W, CF-4.0, Swift : 120 W, CF-5.5, Fulgurate: 120 W, CF-6.5, Spray Coag : 120 W, CF-7.5
- **4 Bipolar Modes** : Micro Bip: 95 W, CF-1.5, Standard: 95 W, CF-1.5, Force : 95 W, CF-1.5, Bipolar Cut : 95 W, CF-1.5

## DURABILITY

### SHALYA Vista

- One Touch : Touch screen 5.7" TFT Panel for flexible use • Self Demonstration Mode • User Programmable
- Recall Function • Auto Mono Mode • Auto Bip Mode • Bipolar Cut & Coag • BiCoag Alarm • Dual Vessel Sealing • Auto Stops
- Tissue ReHold alarm • Saline Resection • Saline Safety Alarm • Cost Effective Saline use • 2 Endo Mode • PREM • Self Diagnosis
- Argon Beam Coagulator up-gradable • 6SENSE Technology
- **7 Cut Modes** : Low Cut : 400 W, CF-1.5, Pure Cut : 400 W, CF-1.5, Blend 1 Cut : 250 W, CF-2.5, Blend 2 Cut : 200 W, CF-3, Endo 1: 400 W, CF-1.5, Endo 2: 400 W, CF-1.5, Hydro : 400 W, CF-1.5 • **6 Coag Modes** : Soft: 300 W, CF-1.5, Desiccate : 150 W, CF-4.0, Swift : 120 W, CF-5.5, Fulgurate: 120 W, CF-6.5, Spray Coag : 120 W, CF-7.5, Hydro: 120 W, CF-6.5 • **2 Bipolar Cut Modes**: Macro Bip: 95 W, CF-1.5, Bipolar Cut : 95 W, CF-1.5,
- **3 Bipolar Coag Modes** : Micro Bip: 95 W, CF-1.5, Standard: 95 W, CF-1.5, Force : 95 W, CF-1.5 • **2 Vessel Seal Modes** : Micro Seal: Level 1(80W) to Level 5(150W), CF-1.5, Standard Seal: Level 1(80W) to Level 5(150W), CF-1.5 • **2 Saline Plasma Bip Cut Modes** : Low : 300 W, CF-1.5, Standard : 300 W, CF-1.5 • **2 Saline Plasma Bipolar Coag Modes** : Soft: CF-1.5, Force : 150 W, CF-1.5

ISO 9001 ISO 13485

## ECONOMY



### SHALYA penta

- One Touch : Touch screen 7" TFT Panel for flexible use
- Internet Enabled • Data Logging • Self Demonstration Mode • User Programmable
- Recall Function • Auto Mono Mode • Auto Bip Mode • Dual Mono Mode • 2SiCoag • Bipolar Cut & Coag
- BiCoag Alarm • Dual Vessel Sealing • Auto Stops • Tissue ReHold alarm • PREM • Self Diagnosis • Saline Resection
- Saline Safety Alarm • Cost Effective Saline use • 2 Endo Mode • Argon Beam Coagulator up-gradable • 6SENSE Technology
- **7 Cut Modes** : Low Cut : 400 W, CF-1.5, Pure Cut : 400 W, CF-1.5, Blend 1 Cut : 250 W, CF-2.5, Blend 2 Cut : 200 W, CF-3, Endo 1: 400 W, CF-1.5, Endo 2: 400 W, CF-1.5, Hydro : 400 W, CF-1.5
- **6 Coag Modes** : Soft: 300 W, CF-1.5, Desiccate : 150 W, CF-4.0, Swift : 120 W, CF-5.5, Fulgurate: 120 W, CF-6.5, Spray Coag : 120 W, CF-7.5, Hydro: 120 W, CF-6.5
- **2 Bipolar Cut Modes** : Macro Bip: 95 W, CF-1.5, Bipolar Cut : 95 W, CF-1.5, • **3 Bipolar Coag Modes**: Micro Bip: 95 W, CF-1.5, Standard: 95 W, CF-1.5, Force : 95 W, CF-1.5
- **2 Vessel Seal Modes** : Micro Seal: Level 1(80W) to Level 5(150W), CF-1.5, Standard Seal: Level 1(80W) to Level 5(150W), CF-1.5
- **2 Saline Plasma Bip Cut Modes** : Low: 300 W, CF-1.5, Standard : 300 W, CF-1.5 • **2 Saline Plasma Bipolar Coag Modes**: Soft: CF-1.5, Force : 150 W, CF-1.5

## QUALITY



### SHALYA Vista+

With additional Features : Dual Mono Mode • 2SiCoag